PB-251 030

LABORATORY ANALYSES OF ATMOSPHERIC HYDROCARBONS. CALIFORNIA SOUTH COAST AIR BASIN (LOS ANGELES AIR QUALITY CONTROL REGION), AUGUST-NOVEMBER 1973

California State Air Resources Board

Prepared for:

National Environmental Research Center

January 1974

DISTRIBUTED BY:

NTIS

National Technical Information Service
U. S. DEPARTMENT OF COMMERCE

EPA-650/4-74-052 082204 PB 251 030

JANUARY 1974

Environmental Monitoring Series

LABORATORY ANALYSES OF ATMOSPHERIC HYDROCARBONS - CALIFORNIA SOUTH COAST AIR BASIN (LOS ANGELES AIR QUALITY CONTROL REGION) AUGUST - NOVEMBER 1973

REPRODUCED BY
NATIONAL TECHNICAL INFORMATION SERVICE
U.S. DEPARTMENT OF COMMERCE
SPRINGFIELD, VA. 22161

Office of Research and Development
U.S. Environmental Protection Agency
Washington, DC 20460

TECHNICAL REPORT DATA
(Please read Instructions on the reverse before completing)

1. REPORT NO. EPA-650/4-74-052	2.	3. RECIPIENT'S ACCESSION NO. PB251030
4. TITLE AND SUBTITLE Laboratory Analyses of Atmospheric Hydrocarbons - California South Coast Air Basin (Los Angeles Air Quality Control Region) August - November 1973.		5. REPORT DATE January 1974
		6. PERFORMING ORGANIZATION CODE
7. AUTHOR(S)		8. PERFORMING ORGANIZATION REPORT NO.
9. PERFORMING ORGANIZATION NAME AND ADDRESS State of California Air Resources Board 9528 Telstar Ave. El Monte, CA 91731		10. PROGRAM ELEMENT NO. 1AA008 - ROAP No. 21ACK-10
		11. CONTRACT/GRANT NO. 68-02-0788
12. SPONSORING AGENCY NAME AND ADDRESS U.S. Environmental Protection Agency Office of Research and Development Research Triangle Park, NC 27711		13. TYPE OF REPORT AND PERIOD COVERED Final
		14. SPONSORING AGENCY CODE

15. SUPPLEMENTARY NOTES

16. ABSTRACT

A complete listing is given of all hydrocarbon analyses and supporting calibrations performed by the Gas Chromatographic Laboratory, Atmospheric Studies Section of the State of California Air Resources Boar.

Gas chromatographs were used for analysis. All samples were analyzed for C_1 through C_6 hydrocarbons, and a few selected samples were also analyzed for hydrocarbons through n-nonane. A description of the methods used precedes the 1010 pages of raw data.

17. KEY WORDS AND DOCUMENT ANALYSIS

a. DESCRIPTORS	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
Air pollution	Southern California	04A
Hydrocarbons	Las Angeles	07B
Tests		
Gas analysis		
Chromatography		

PRICES SUBJECT TO CHANGE

18. DISTRIBUTION STATEMENT Unlimited	19. SECURITY CLASS *(This Report)* UNCLASSIFIED	21. NO. OF PAGES 1027
	20. SECURITY CLASS *(This page)* UNCLASSIFIED	22. PRICE $28.25

EPA Form 2220-1 (9-73)

RESEARCH REPORTING SERIES

Research Reports of the Office of Research and Development, U. S. Environmental Protection Agency, have been grouped into series. These broad categories were established to facilitate further development and application of environmental technology. Elimination of traditional grouping was consciously planned to foster technology transfer and maximum interface in related fields. These series are:

1. ENVIRONMENTAL HEALTH EFFECTS RESEARCH
2. ENVIRONMENTAL PROTECTION TECHNOLOGY
3. ECOLOGICAL RESEARCH
4. ENVIRONMENTAL MONITORING
5. SOCIOECONOMIC ENVIRONMENTAL STUDIES
6. SCIENTIFIC AND TECHNICAL ASSESSMENT REPORTS
9. MISCELLANEOUS

This report has been assigned to the ENVIRONMENTAL MONITORING series. This series describes research conducted to develop new or improved methods and instrumentation for the identification and quantification of environmental pollutants at the lowest conceivably significant concentrations. It also includes studies to determine the ambient concentrations of pollutants in the environment and/or the variance of pollutants as a function of time or meteorological factors.

ATTENTION

AS NOTED IN THE NTIS ANNOUNCEMENT, PORTIONS OF THIS REPORT ARE NOT LEGIBLE. HOWEVER, IT IS THE BEST REPRODUCTION AVAILABLE FROM THE COPY SENT TO NTIS.

EPA-650/4-74-052

LABORATORY ANALYSES OF ATMOSPHERIC HYDROCARBONS - CALIFORNIA SOUTH COAST AIR BASIN (LOS ANGELES AIR QUALITY CONTROL REGION) AUGUST - NOVEMBER 1973

by

State of California Air Resources Board
9528 Telstar Ave.
El Monte, California 91731

Contract No. 68-02-0788
ROAP No. 21AKC-10
Program Element No. 1AA008

EPA Project Officer: A. Altshuller

Chemistry and Physics Laboratory
National Environmental Research Center
Research Triangle Park, North Carolina 27711

Prepared for

OFFICE OF RESEARCH AND DEVELOPMENT
U.S. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

January 1974

EPA REVIEW NOTICE

This report has been reviewed by the National Environmental Research Center - Research Triangle Park, Office of Research and Development, EPA, and approved for publication. Approval does not signify that the contents necessarily reflect the views and policies of the Environmental Protection Agency, nor does mention of trade names or commercial products constitute endorsement or recommendation for use.

This document is available to the public for sale through the National Technical Information Service, Springfield, Virginia 22161.

Analysis of Hydrocarbons

Description of Method

Air samples were supplied to the laboratory in Tedlar plastic bags equipped with brass ports closed with rubber serum caps. 100 cc syringes were used to transfer samples to the gas chromatographs for analysis. Four instruments were used for analysis of air samples. All samples were analyzed for C_1 through C_6 hydrocarbons, and a few selected samples were also analyzed for hydrocarbons through n-nonane.

Methane Analysis

Methane was determined using a Hewlett Packard 5750 gas chromatograph equipped with flame ionization detector.

Samples of air were transferred by syringe to a 2 cc gas sample valve for introduction into the gas chromatograph. The chromatographic column consisted of a 6 foot length of 1/8 inch stainless steel packed with 80-100 mesh phenyl isocyanate/porosil C. Analyses were run isothermally at 18° C. Flow conditions were 300 cc/min oxygen, 30 cc/min hydrogen, 60 cc/min helium through the column, with a splitter allowing 15 cc/min helium to the detector. An Autolab System IV computing integrator was used to quantitate the data from the chromatograph.

Analysis of Ethane through Hexanes

To schedule as many as 30 analyses per day, it was necessary to employ two gas chromatographs, Varian Aerographs Model 202 and Model 660. These were equipped with appropriate columns for the analyses, and with freeze-traps and associated plumbing for preconcentration of air samples.

The procedure consisted of passing 300 cc of sample through a stainless steel freeze - trap immersed in liquid nitrogen coolant, to concentrate the sample prior to analysis. Next, a seven minute helium flush accomplished removal of liquefied air from the sample. The sample was then isolated, heated

to ca 70^{0} C, using hot water bath and introduced into the gas chromatograph via an 8 port sample valve. The chromatographic column, made of 6 ft. x 1/8" stainless steel, packed with 120-150 mesh n-octane/porasil C, was temperature programmed from 20^{0} C to 45^{0} C at 2^{0} C/min. Column effluent passed to a splitter, and from the splitter half of the flow proceeded directly to a flame ionization detector. The other half of the flow was routed through a subtractor to a second flame ionization detector. The function of the subtractor was to remove olefins and other unsaturated hydrocarbons, without removing paraffins. In this way, olefin-paraffin mixtures were better resolved and identified. Flow parameters were: 100 cc/min oxygen, 30 cc/min hydrogen, and 60 cc/min nitrogen, with half of carrier going to each detector.

Recording and Processing of Data

Data from the gas chromatographs was recorded on strip charts to provide a visual analog chromatogram, while punched paper tape with teletype printout recorded digital output consisting of retention times and peak areas. Electronic digital integrators were employed to generate the digital output.

At least once a day each gas chromatograph was calibrated using a calibration standard composed of thirteen hydrocarbons at concentrations similar to those anticipated. Daily calibration data are contained in the last section of the report. Calibration factors were applied to the data from each run, and reports were generated via computer assisted data processing procedures. Each analysis report was output in the form of ascii punched paper tape and as teletyped hard copy reports. Ascii punched tapes were delivered as generated, to the program director for rapid inclusion in the date bank.

Analyses for Higher Molecular Weight Hydrocarbons

A Perkin-Elmer Model 900 gas chromatograph equipped with inlet splitter and a 200 ft. by 0.01" ID Squalane wall-coated open tubular column was used to analyze air samples for hydrocarbons up through normal nonane. The 40 hydrocarbons from n-butane through n-nonane present in measurable quantities were all separated using the instrument under the prescribed conditions.

In a preconcentration step similar to that previosly described, 800 cc of air sample was prepared for introduction into the gas chromatograph. To conserve sample, the inlet splitter vent was left closed until one minute after sample introduction. The analysis employed a sub-ambient temperature program, consisting of a 4 minute isothermal segment at -25° C, followed by a program of 2° C/min to 95° C. Data was output in digital form via an Autolab System IV computing integrator, and in analog form by strip chart recorders. The peaks were identified manually and by computer and punched tapes were prepared for processing and report generation by computer.

Flow Parameters for Perkin-Elmer 900

Splitter Restrictor	#1
Column flow:	2.45 cc/min @ -25° C
	1.8 cc/min @ 21° C
Carrier Gas:	Helium
Makeup Gas:	Helium
Makeup flow:	25 cc/min
Hydrogen flow:	40 cc/min
Split ratio with vent closed:	8.6 to 1

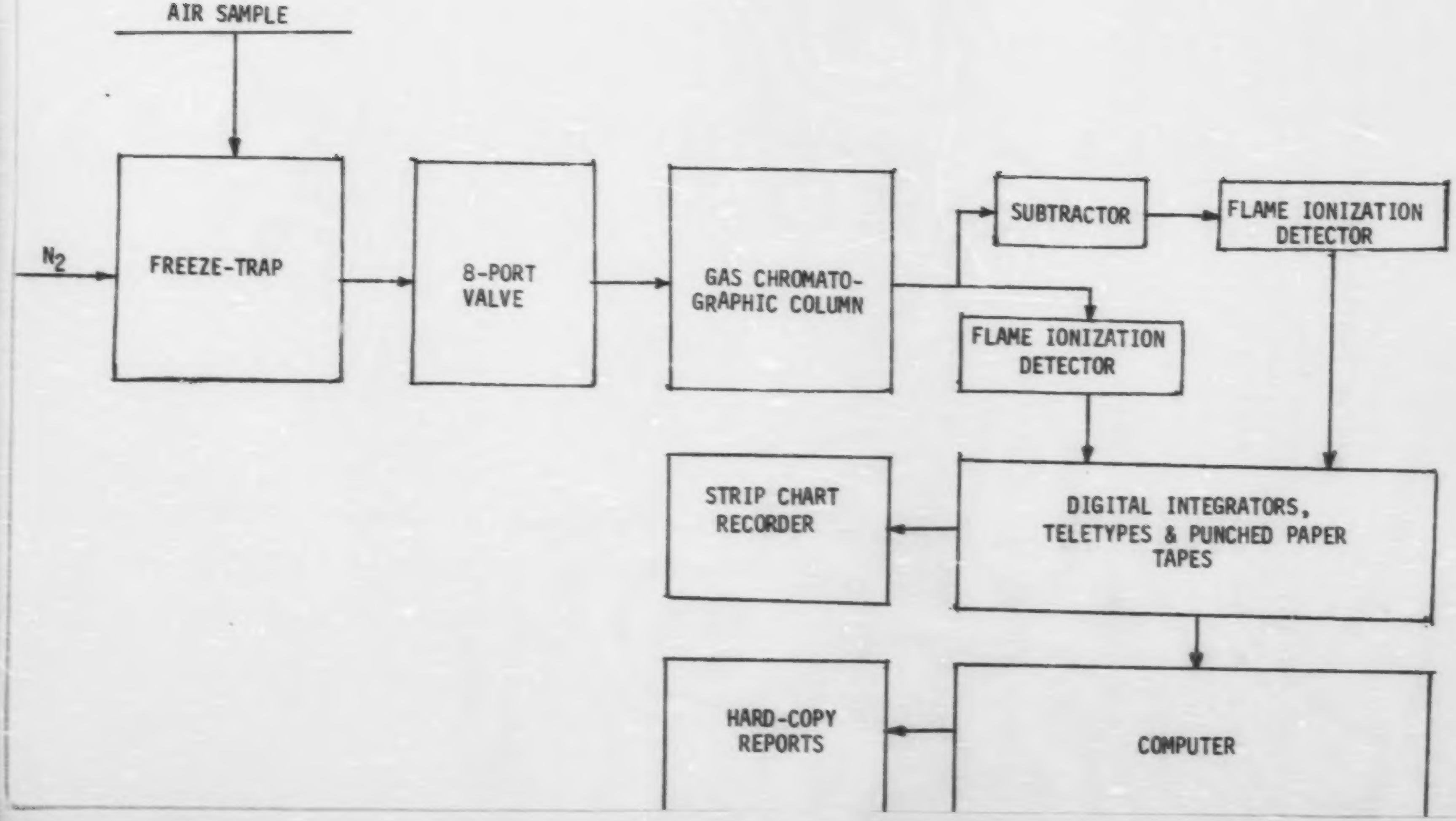
Sensitivity of Analytical Procedure

The sensitivity for methane analyses was ca 10 parts per billion, or less than 1% of usual ambient concentrations. In the analyses of ethane through hexanes, the sensitivity was ca 0.5 PPBC for ethane through n-butane, and ca 1 PPBC (0.1 PHMC) for butenes, petanes and hexanes. For the P.E.-900 data, the sensitivity was ca 1 PPBC. Data which indicate concentrations below these values should be disregarded or interpreted cautiously.

Notes

A few samples exhibited anomalous concentration ratios among components. As an example, high ethylene values found in several early runs were attributed to contamination from ethylene being vented from a chemiluminescence instrument used to monitor ozone. Other analyses which indicated unusual concentrations were confirmed by repetitive analyses.

FLOW CHARTS FOR GAS CHROMATOGRAPH - 202 & 660



LOG OF SAMPLE VS. CALIBRATION

SAMPLE #	SAMPLE DATE	CALIBRATION DATA
SMOG #2, BAG A01	9/11/73	G.C. 660 - 9/11/73
" " " A02	"	" 202 "
" " " A03	"	" 660 "
" " " A04	"	" 202 "
SMOG #2, BAG A05	9/11/73	G.C. 202 - 9/12/73
" " " A06	"	" " "
" " " A07	"	" 660 "
SMOG #2, BAG 1	9/13/73	G.C. 660 - 9/14/73
" " " 2	"	" " "
SMOG #2, BAG 1	9/16/73	G.C. 660 - 9/18/73
" " " 2	"	" " 9/17/73
SMOG #2, BAG 1	9/17/73	G.C. 660 - 9/17/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" 202 "
" " " 5	"	" " "
SMOG #2, BAG 1	9/18/73	G.C. 202 - 9/18/73
" " " 2	"	" 660 "
" " " 3	"	" 202 "
" " " 4	"	" 660 "
" " " 5	"	" " "
" " " 6	"	" 202 "
" " " 7	"	" 660 "
" " " 8	"	" " "
" " " 9	"	" 202 "
SMOG #2, BAG 1	9/19/73	G.C. 202 - 9/20/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6		" 660 "
" " " 7	"	" " "
SMOG #3, BAG 1	"	" 660 "
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "

SAMPLE #	SAMPLE DATE	CALIBRATION DATA
SMOG #2, BAG 1	9/20/73	G.C. 660 - 9/21/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "
SMOG #3, BAG 1	"	" 202 "
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " 9/24/73
" " " 5	"	" " 9/21/73
" " " 6	"	" " "
SMOG #2, BAG 1	9/24/73	G.C. 660 - 9/24/73
" " " 2	"	" " 9/25/73
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "
SMOG #3, BAG 2	"	G.C. 202 - 9/24/73
" " " 3	"	" " 9/25/73
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "
" " " 11	"	" " "
" " " 12	"	" 660 "
" " " 13	"	" 202 "
" " " 14	"	" 660 "
" " " 15	"	" 202 "

SAMPLE #	SAMPLE DATE	CALIBRATION DATA
SMOG #3, BAG 1	09/25/73	G.C. 660 - 09/26/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "
SMOG #2, BAG 1	09/25/73	G.C. 202 - 09/26/73
" " " 2	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "
SMOG #2, BAG 1	09/27/73	G.C. 202 - 09/28/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "
SMOG #3, BAG 1	09/27/73	G.C. 660 - 09/28/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "

SAMPLE #	SAMPLE DATE	CALIBRATION DATA
SMOG #2, BAG 1	09/28/73	G.C. 202 - 09/28/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
SMOG #3, BAG 1	09/28/73	G.C. 660 - 09/28/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
ARB VAN, INGLEWOOD, 0941	"	" " "
" " " 0958	"	" 202 "
ARB VAN, DOWNEY 0841	10/01/73	G.C. 660 - 10/01/73
" " LYNWOOD 0931	"	" " "
" " WATTS 1030	"	" " "
" " BELL GD 1130	"	" 202 "
SMOG #2, BAG 1	10/01/73	G.C. 202 - 10/01/73
" " " 2	"	" " 10/02/73
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "
SMOG #3, BAG 1	10/01/73	G.C. 660 - 10/01/73
" " " 2	"	" " 10/02/73
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "
" " " 11	"	" " "
" " " 12	"	" " "
" " " 13	"	" " "
" " " 14	"	" " "
" " " 15	"	" " "
EL MONTE LAB 14-1600	"	" 660 - 10/01/73
" " " 16-1800	"	" 202 10/02/73
" " " 06-0800	10/02/73	" " "
" " " 08-1000	"	" 660 "
" " " 10-1200	"	" 202 "
" " " 12-1400	"	" 660 "
" " " 14-1600	"	" 202 "

SAMPLE #	SAMPLE DATE	CALIBRATION DATA
EL MONTE LAB 16-1800	10/02/73	G.C. 660 - 10/03/73
" " " 06-0800	10/03/73	" 202 "
" " " 08-1000	"	" " "
" " " 10-1200	"	" " "
" " " 12-1400	"	" " "
" " " 14-1600	"	" 660 10/04/73
ARB VAN, POMONA, 1152	10/02/73	" 660 - 10/03/73
" " POMONA, 1442	"	" 202 "
" "CUCAMONGA, 1545	"	" 660 "
" "CUCAMONGA, 1624	"	" " "
SMOG #3, BAG 1	10/02/73	" 202 "
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
EL MONTE LAB 16-1800	10/03/73	G.C. 660 - 10/04/73
" " " 08-1000	10/04/73	" " "
" " " 10-1200	"	" " "
" " " 12-1400	"	" " 10/05/73
" " " 14-1600	"	" " "
ARB VAN, DOLA, 0920	"	" 202 10/04/73
" " " 1030	"	" " "
" " " 1130	"	" 660 10/05/73
" " GLENDALE, 1230	"	" " "
SMOG #3, BAG 1	10/04/73	G.C. 202 - 10/05/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" "" "" 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" 660 "
" " " 9	"	" 202 "
" " " 10	"	" 660 "
" " " 11	"	" " "
" " " 12	"	" " "
" " " 13	"	" " "
" " " 14	"	" 202 10/06/73
" " " 15	"	" " 10/05/73
EL MONTE LAB 16-1800	10/04/73	" 660 "
" " " 06-0800	10/05/73	" " "
" " " 08-1000	"	" " "

SAMPLE #	SAMPLE DATE	CALIBRATION DATA
EL MONTE LAB 10-1200	10/05/73	G.C. 202 - 10/06/73
" " " 12-1400	"	" " "
" " " 14-1600	"	" 660 "
" " " 16-1800	"	" " "
ARB VAN, DOWNEY, 0930	10/05/73	" " "
" " DOWNEY, 1030	"	" " "
" " DOWNEY, 1130	"	" " "
" " COMMERCE, 1300	"	" " "
" "EAST L.A., 1325	"	" " "
" "SAN MARINO 1430	"	" " "
" " ALTADENA, 1435	"	" " "
SMOG #3, BAG 1	10/05/73	G.C. 202 - 10/06/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
SMOG #2, BAG 2	10/05/73	G.C. 660 - 10/09/73
" " " 3	"	" " "
" " " 4	"	" 202 "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" 660 "
" " " 8	"	" 202 "
" " " 9	"	" 660 "
" " " 10	"	" " "
EL MONTE LAB 06-0800	10/09/73	G.C. 660 - 10/09/73
" " " 08-1000	"	" 202 "
" " " 10-1200	"	" " "
" " " 12-1400	"	" 660 "
SMOG #2, BAG 1	10/09/73	G.C. 660 - 10/10/73
" " " 2	"	" 202 10/09/73
" " " 3	"	" 660 10/10/73
" " " 4	"	" 660 "
SMOG #3, BAG 1	"	" " "
" " " 2	"	" " "
" " " 3	"	" 202 "
" " " 4	"	" 660 10/11/73
" " " 5	"	" 202 10/10/73

SAMPLE #	SAMPLE DATE	CALIBRATION DATA		
SMOG #2, BAG 1	10/10/73	G.C.	202 -	10/11/73
" " " 2	"	"	"	"
" " " 3	"	"	"	"
" " " 4	"	"	"	"
" " " 5	"	"	"	"
" " " 6	"	"	"	"
" " " 7	"	"	"	"
" " " 8	"	"	"	"
" " " 9	"	"	"	"
" " " 10	"	"	"	10/12/73
" " " 11	"	"	"	"
" " " 12	"	"	"	"
" " " 13	"	"	660	10/12/73
" " " 14	"	"	"	"
" " " 15	"	"	660	10/11/73
SMOG #3, BAG 1	"	"	"	"
" " " 2	"	"	"	"
" " " 3	"	"	"	"
" " " 4	"	"	"	"
" " " 5	"	"	"	"
" " " 6	"	"	"	"
" " " 7	"	"	"	"
" " " 8	"	"	"	"
" " " 9	"	"	"	"
" " " 10	"	"	"	"
SMOG #2, BAG 1	10/11/73	G.C.	660	10/12/73
" " " 2	"	"	"	"
" " " 3	"	"	"	"
" " " 4	"	"	"	"
" " " 5	"	"	"	"
" " " 6	"	"	"	"
" " " 8	"	"	"	"
" " " 9	"	"	"	"
" " " 10	"	"	"	"
SMOG #3, BAG 1	"	"	202	"
" " " 2	"	"	"	"
" " " 3	"	"	"	"
" " " 4	"	"	"	"
" " " 5	"	"	"	"
" " " 6	"	"	"	"
" " " 7	"	"	"	"
" " " 8	"	"	"	"
" " " 9	"	"	"	"
" " " 10	"	"	"	"

SAMPLE #	SAMPLE DATE	CALIBRATION DATA		
SMOG #2, BAG 1	10/12/73	G.C.	202 -	10/12/73
" " " 2	"	"	"	"
" " " 3	"	"	"	10/15/73
" " " 4	"	"	"	"
" " " 5	"	"	660	10/16/73
" " " 6	"	"	"	"
" " " 7	"	"	"	10/15/73
" " " 8	"	"	"	"
" " " 9	"	"	"	"
" " " 10	"	"	"	"
SMOG #3, BAG 1	"	"	"	"
" " " 2	"	"	"	"
" " " 3	"	"	"	"
" " " 4	"	"	"	"
" " " 5	"	"	"	"
" " " 6	"	"	"	"
" " " 7	"	"	"	"
" " " 8	"	"	"	"
" " " 9	"	"	"	"
" " " 10	"	"	"	"
SMOG #2, BAG 1	10/15/73	G.C.	202 -	10/16/73
" " " 2	"	"	"	"
" " " 3	"	"	"	"
" " " 4	"	"	"	"
" " " 5	"	"	"	"
" " " 6	"	"	"	"
" " " 7	"	"	"	"
" " " 8	"	"	"	"
" " " 9	"	"	"	"
" " " 10	"	"	660	"
SMOG #3, BAG 1	"	"	"	"
" " " 2	"	"	"	"
" " " 3	"	"	"	"
" " " 4	"	"	"	"
" " " 5	"	"	"	"
" " " 6	"	"	"	"
" " " 7	"	"	"	"
" " " 8	"	"	"	"
" " " 9	"	"	"	"
" " " 10	"	"	"	"
ARB VAN, DOWNEY, 0845	"	"	"	10/17/73
" " DOWNEY, 0945	"	"	"	"
" " PARAMOUNT, 1040	"	"	"	"
" " LONG BEACH, 1145	"	"	"	"
" " NORWALK, 1240	"	"	"	"

SAMPLE #	SAMPLE DATE	CALIBRATION DATA
SMOG #2, BAG 1	10/16/73	G.C. 202 - 10/17/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "
SMOG #3, BAG 1	"	" 660 "
" " " 2	"	" " "
" " " 3	"	" " 10/18/73
" " " 4	"	" " 10/17/73
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "
" " " 11	"	" " "
" " " 12	"	" " "
" " " 13	"	" " "
ARB VAN, LOS ANGELES, 0940	"	" 202 "
" " LOS ANGELES, 1045	"	" " "
" " CULVER CITY, 1140	"	" 660 10/18/73
SMOG #2, BAG 1	10/17/73	G.C. 202 - 10/18/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "
SMOG #3, BAG 1	"	" 660 "
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" " "
ARB VAN, LOS ANGELES, 0930	"	" " "
" " SOUTH GATE, 1030	"	" 202 "
" " DOMINGUEZ, 1130	"	" 660 "
" " LAKEWOOD, 1230	"	" 202 "
" " BUENA PARK, 1330	"	" 660 "
" " ANAHEIM, 1430	"	" 202 "

SAMPLE #	SAMPLE DATE	CALIBRATION DATA		
SMOG #2, BAG 1	10/18/73	G.C.	202 -	10/19/73
" " " 2	"	"	"	"
" " " 3	"	"	"	"
" " " 4	"	"	"	"
" " " 5	"	"	"	"
" " " 6	"	"	"	"
" " " 7	"	"	"	"
" " " 8	"	"	"	"
" " " 9	"	"	"	"
" " " 10	"	"	"	"
SMOG #3, BAG 1	10/18/73	G.C.	660 -	10/19/73
" " " 2	"	"	"	"
" " " 3	"	"	"	"
" " " 4	"	"	"	"
" " " 5	"	"	"	"
" " " 6	"	"	"	"
" " " 7	"	"	"	"
" " " 8	"	"	"	"
" " " 9	"	"	"	"
" " " 10	"	"	"	"
ARB VAN, DOWNEY, 0930	"	"	202	"
" " LONG BEACH, 1030	"	"	660	"
" " DOWNEY, 1230	"	"	"	"
" " SANTA FE SP, 1325	"	"	202	"
" " HACIENDA HT, 1420	"	"	660	"
" " CLAREMONT, 1530	"	"	"	10/24/73
SMOG #2, BAG 1	10/23/73	G.C.	660 -	10/23/73
" " " 2	"	"	"	10/24/73
" " " 3	"	"	"	"
" " " 4	"	"	"	"
" " " 5	"	"	"	
" " " 6	"	"	"	"
" " " 7	"	"	"	"
" " " 8	"	"	"	"
SMOG #3, BAG 1	"	"	202	10/23/73
" " " 2	"	"	"	"
" " " 3	"	"	"	10/24/73
" " " 4	"	"	"	"
" " " 5	"	"	"	"
" " " 6	"	"	"	"
" " " 7	"	"	"	"
" " " 8	"	"	"	"

SAMPLE #	SAMPLE DATE	CALIBRATION DATA
SMOG #2, BAG 1	10/24/73	G.C. 202 - 10/25/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
SMOG #3, BAG 1	"	" 660 - 10/24/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " 10/25/73
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "
ARB VAN, DOWNEY, 0900	"	" 202 "
" " DOWNEY, 1000	"	" " "
" " PARAMOUNT, 1100	"	" " "
" " BELLFLOWER, 1155	"	" " "
" " CYPRESS, 1300	"	" " "
" " CYPRESS, 1315	"	" " "
SMOG #2, BAG 1	10/25/73	G.C. 202 - 10/26/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "
" " " 11	"	" " "
" " " 12	"	" " "
" " " 13	"	" " "
" " " 14	"	" " "
SMOG #3, BAG 1	"	" 660 "
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "
ARB VAN, LOS ANGELES, 0830	"	" " 10/25/73
" " LOS ANGELES, 0930	"	" " 10/26/73
" " LOS ANGELES, 1025	"	" " "
" " LOS ANGELES, 1125	"	" " "
" " LOS ANGELES, 1230	"	" " "
" " LOS ANGELES, 1330	"	" " "

SAMPLE #	SAMPLE DATE	CALIBRATION DATA
SMOG #2, BAG 1	10/26/73	G.C. 202 - 10/27/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "
SMOG #3, BAG 1	"	" 660 "
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "
" " " 11	"	" " "
" " " 12	"	" " "
" " " 13	"	" 202 "
" " " 14	"	" " "
" " " 15	"	" " "
SMOG #2, BAG 1	10/27/73	G.C. 202 - 10/29/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" 660 "
" " " 7	"	" " "
" " " 8	"	" " "
SMOG #3, BAG 1	"	" " "
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "

SAMPLE #	SAMPLE DATE	CALIBRATION DATA
SMOG #2, BAG 1	10/28/73	G.C. 202 - 10/29/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " 10/30/73
" " " 8	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "
SMOG #3, BAG 1	"	" 660 10/29/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "
SMOG #2, BAG 1	10/29/73	G.C. 202 - 10/30/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 10	"	" 660 "
" " " 12	"	" 202 "
" " " 13	"	" " "
" " " 14	"	" " "
" " " 15	"	" 660 10/31/73
SMOG #3, BAG 1	"	" " 10/30/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" " "
ARB VAN, DOWNEY, 0830	"	" " 10/31/73
" " COMMERCE, 0930	"	" " "
" " MONTEREY PK, 1030	"	" " 11/01/73
" " ROSEMEAD, 1130	"	" " 10/31/73
" " ARCADIA, 1230	"	" " 11/01/73

SAMPLE #	SAMPLE DATE	CALIBRATION DATA		
SMOG #2, BAG 1	10/30/73	G.C.	202 -	10/31/73
" " " 2	"	"	"	"
" " " 3	"	"	"	"
" " " 4	"	"	"	"
" " " 5	"	"	"	"
" " " 6	"	"	"	"
" " " 7	"	"	660	"
" " " 8	"	"	202	"
" " " 9	"	"	660	"
" " " 10	"	"	202	"
" " " 11	"	"	660	"
" " " 12	"	"	202	"
" " " 13	"	"	660	"
SMOG #3, BAG 1	"	"	"	"
" " " 2	"	"	"	"
" " " 3	"	"	"	"
" " " 4	"	"	"	"
" " " 5	"	"	"	"
ARB VAN, DOWNEY, 0830	"	"	202	"
" " DOWNEY, 0930	"	"	"	"
" " LONG BEACH, 1030	"	"	660	"
" " LONG BEACH, 1130	"	"	202	11/01/73
" " LONG BEACH, 1230	"	"	660	10/31/73
" " LAKEWOOD, 1330	"	"	"	"
SMOG #2, BAG 2	10/31/73	G.C.	202 -	11/01/73
" " " 3	"	"	"	"
" " " 4	"	"	"	"
" " " 5	"	"	"	"
SMOG #3, BAG 1	"	"	660	"
" " " 2	"	"	"	"
" " " 3	"	"	"	"
" " " 4	"	"	"	"
" " " 5	"	"	"	"
" " " 6	"	"	"	"
" " " 7	"	"	"	"
" " " 8	"	"	"	"
" " " 9	"	"	"	"
" " " 10	"	"	"	"
ARB VAN, LOS ANGELES, 0830	"	"	"	"
" " LOS ANGELES, 0930	"	"	"	"
" " PLAYA D.REY, 1030	"	"	"	11/02/73
" " PLAYA D.REY, 1130	"	"	"	"
" " CULVER CITY, 1230	"	"	"	"
" " LOS ANGELES, 1330	"	"	"	"

SAMPLE #	SAMPLE DATE	CALIBRATION DATA
SMOG #2, BAG 1	11/01/73	G.C. 202 - 11/02/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "
SMOG #3, BAG 1	"	" 660 "
" " " 2	"	" " "
" " " 3	"	" 202 "
" " " 4	"	" " "
" " " 5	"	" 660 "
" " " 6	"	" 202 "
ARB VAN, LOS ANGELES, 0745	"	" 660 "
" " LOS ANGELES, 0845	"	" " "
" " CULVER CITY, 0945	"	" " "
" " LOS ANGELES, 1050	"	" 202 11/05/73
" " CULVER CITY, 1150	"	" " "
SMOG #2, BAG 1	11/02/73	G.C. 202 - 11/05/73
" " " 2	"	" " "
" " " 4	"	" 660 "
" " " 5	"	" " "
SMOG #3, BAG 1	"	" " "
" " " 2	"	" " "
" " " 3	"	" " "
ARB VAN, CULVER CITY, 1200	"	" 202 "
" " ALHAMBRA, 1300	"	" 660 "
" " PASADENA, 1400	"	" " "

SAMPLE #	SAMPLE DATE	CALIBRATION DATA		
SMOG #2, BAG 1	11/05/73	G.C.	202 -	11/07/73
" " " 2	"	"	"	"
" " " 3	"	"	"	"
" " " 4	"	"	"	"
" " " 5	"	"	"	"
" " " 6	"	"	"	"
" " " 7	"	"	"	"
" " " 8	"	"	"	"
" " " 9	"	"	"	"
" " " 10	"	"	"	"
" " " 11	"	"	660	"
" " " 12	"	"	"	"
" " " 13	"	"	"	"
" " " 14	"	"	"	"
" " " 15	"	"	"	"
SMOG #3, BAG 1	"	"	"	11/05/73
" " " 2	"	"	"	"
" " " 3	"	"	"	"
" " " 4	"	"	"	11/07/73
" " " 5	"	"	"	"
" " " 6	"	"	"	"
" " " 7	"	"	"	"
" " " 8	"	"	"	"
" " " 9	"	"	"	"
" " " 10	"	"	"	"
ARB VAN, DOWNEY, 0745	"	"	"	11/08/73
" " PARAMOUNT, 0945	"	"	"	"
" " COMPTON, 1045	"	"	"	"
" " CERRITOS, 1145	"	"	"	"
" " SANTA FE SP, 1245	"	"	"	"
SMOG #2, BAG 1	11/06/73	G.C.	202	11/07/73
" " " 2	"	"	"	"
" " " 3	"	"	"	"
" " " 4	"	"	"	"
" " " 5	"	"	"	"
" " " 6	"	"	"	11/08/73
" " " 7	"	"	"	"

SAMPLE #	SAMPLE DATE	CALIBRATION DATA		
SMOG #3, BAG 1	11/06/73	G.C.	660 -	11/07/73
" " " 2	"	"	"	"
" " " 3	"	"	"	"
" " " 4	"	"	"	"
" " " 5	"	"	"	"
" " " 6	"	"	"	11/08/73
" " " 7	"	"	"	"
" " " 8	"	"	"	"
" " " 9	"	"	"	"
" " " 10	"	"	202	"
ARB VAN, LOS ANGELES, 0739	"	"	660	"
" " LOS ANGELES, 0839	"	"	"	"
" " LOS ANGELES, 0954	"	"	"	"
" " LOS ANGELES, 1108	"	"	"	"
" " LOS ANGELES, 1209	"	"	202	"
" " GLENDALE, 1303	"	"	"	"
SMOG #2, BAG 1	11/07/73	G.C.	202 -	11/08/73
" " " 2	"	"	"	"
" " " 3	"	"	"	"
" " " 4	"	"	"	"
" " " 5	"	"	"	11/09/73
" " " 6	"	"	"	"
" " " 7	"	"	"	"
" " " 8	"	"	"	"
" " " 9	"	"	"	"
" " " 10	"	"	"	"
SMOG #3, BAG 1	"	"	660	11/08/73
" " " 2	"	"	"	"
" " " 3	"	"	"	11/09/73
" " " 4	"	"	"	"
" " " 5	"	"	"	"
" " " 6	"	"	"	"
" " " 7	"	"	"	"
" " " 8	"	"	"	"
" " " 9	"	"	"	"
" " " 10	"	"	"	"
ARB VAN, LOS ANGELES, 0800	"	"	202	11/08/73
" " LOS ANGELES, 0954	"	"	"	"
" " LOS ANGELES, 1100	"	"	"	"
" " LOS ANGELES, 1210	"	"	"	"
" " SAN MARINO, 1300	"	"	"	"
" " DUARTE, 1435	"	"	"	"

SAMPLE #	SAMPLE DATE	CALIBRATION DATA
SMOG #2, BAG 1	11/08/73	G.C. 660 - 11/09/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
ARB VAN, ALHAMBRA, 1318	"	" 202 "
" " SAN GABRIEL, 1335	"	" " "
" " TEMPLE CITY, 1350	"	" " "
" " ARCADIA, 1406	"	" " "
" " ARCADIA, 1414	"	" " "
" " IRWINDALE, 1430	"	" " "
" " IRWINDALE, 1443	"	" " "
EL MONTE LAB., 0745	11/12/73	G.C. 202 - 11/12/73
" " " 0815	"	" 660 "
" " " 0845	"	" 202 "
" " " 0915	"	" 660 "
" " " 0945	"	" 202 "
" " " 1015	"	" 660 "
" " " 1115	"	" " "
" " " 1145	"	" " "
" " " 1215	"	" 202 "
" " " 1245	"	" " "
" " " 1315	"	" 660 "
" " " 1345	"	" 202 "
" " " 1415	"	" 660 "
" " " 1515	"	" " "
" " " 18-2000	"	" 202 11/13/73
" " " 20-2200	"	" " "
" " " 22-2400	"	" " "
" " " 00-0200	11/13/73	" 660 "
" " " 02-0400	"	" " "
" " " 04-0600	"	" 202 "
EL MONTE LAB., 0720	11/13/73	G.C. 660 - 11/13/73
" " " 0745	"	" " "
" " " 0815	"	" 202 "
" " " 0845	"	" " "
" " " 0915	"	" 660 "
" " " 0945	"	" " "
" " " 1015	"	" 202 "
" " " 1045	"	" 660 "
" " " 1115	"	" " "
" " " 1145	"	" " "
" " " 1245	"	" " "
" " " 1315	"	" 202 "
" " " 1345	"	" 660 "
" " " 1415	"	" 202 "

SAMPLE #	SAMPLE DATE	CALIBRATION DATA
SMOG #2, BAG 1	11/13/73	G.C. 202 - 11/14/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "
SMOG #3, BAG 1	"	" 660 "
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " 11/15/73
" " " 7	"	" " "
" " " 8	"	" 202 "
" " " 9	"	" " "
AIR VAN, ALHAMBRA, 1112	"	" 660 - 11/13/73
" " SAN MARINO, 1130	"	" 202 "
" " TEMPLE CITY, 1145	"	" 660 "
" " ARCADIA, 1200	"	" " 11/14/73
" " ARCADIA, 1210	"	" " "
" " ARCADIA, 1223	"	" " "
" " IRWINDALE, 1235	"	" " "
" " ARCADIA, 1245	"	" " "
" " ARCADIA, 1255	"	" " "
" " ARCADIA, 1305	"	" " "
" " TEMPLE CITY, 1320	"	" " "
" " SAN GABRIEL, 1330	"	" " "
" " ALHAMBRA, 1350	"	" " "
SMOG #2, BAG 1	11/14/73	G.C. 202 - 11/15/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " "
" " " 6	"	" " 11/16/73
" " " 7	"	" " "
" " " 8	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "
" " " 11	"	" " "

SAMPLE #	SAMPLE DATE	CALIBRATION DATA
SMOG #3, BAG 2	11/14/73	G.C. 660 - 11/15/73
" " " 3	"	" " "
" " " 4	"	" " "
" " " 5	"	" " 11/16/73
" " " 6	"	" " "
" " " 7	"	" " "
" " " 8	"	" " "
" " " 9	"	" " "
" " " 10	"	" " "
" " " 11	"	" " "
APB VAN, LOS ANGELES, 0845	"	" 202 11/14/73
" " LOS ANGELES, 0850	"	" " "
" " LOS ANGELES, 0900	"	" " "
" " LOS ANGELES, 0905	"	" " 11/15/73
" " LOS ANGELES, 0912	"	" " "
" " LOS ANGELES, 0920	"	" " "
" " LOS ANGELES, 0930	"	" " "
" " LOS ANGELES, 0940	"	" 660 "
" " LOS ANGELES, 0950	"	" 202 "
" " ALHAMBRA, 1500	"	" 660 "
" " SAN GABRIEL, 1520	"	" " "
" " TEMPLE CITY, 1530	"	" " "
" " ARCADIA, 1542	"	" " "
" " ARCADIA, 1555	"	" " "
" " ARCADIA, 1600	"	" " "
" " IRWINDALE, 1615	"	" 202 "
SMOG #2, BAG 1	11/15/73	G.C. 202 - 11/16/73
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "
SMOG #3, BAG 1	"	" 660 "
" " " 2	"	" " "
" " " 3	"	" " "
" " " 4	"	" " "

ADDENDUM

SAMPLE #	SAMPLE DATE	CALIBRATION DATA
SMOG #3, BAG 4	10/04/73	G.C. 900 - 923 CTS/PHMC
SMOG #3, BAG 10	10/04/73	G.C. 900 - 861 CTS/PHMC
SMOG #2, BAG 3	10/16/73	G.C. 900 - 878 CTS/PHMC
SMOG #3, BAG 7	10/16/73	G.C. 900 - 1011 CTS/PHMC
CYL. NO. 1	10/10/73	G.C. 5750 - C1 = 9.98 PPM CPD.
		C2 = 0.54 " "
		C3 = 2.84 " "
		C4 = 0.30 " "
CYL. NO. 2	10/10/73	G.C. 5750 - C1 = 9.16 " "
		C2 = 0.54 " "
		C3 = 2.86 " "
		C4 = 0.30 " "
CYL. NO. RR32871	10/11/73	G.C. 5750 - C1 = 8.45 " "
		C3 = 3.18 " "
CYL. NO. RR26887	10/11/73	G.C. 5750 - C1 = 7.94 " "
		C3 = 3.21 " "
PROPANE CALIB. BAG	10/19/73	G.C. 5750 - C3 = 7.11 " "
		C1 = 0.80 " "
CYL. NO. RR27478	10/30/73	G.C. 5750 - C1 = 8.82 " "
		C3 = 2.03 " "
CYL. NO. RR26972	10/30/73	G.C. 5750 - C1 = 9.38 " "
		C3 = 2.03 " "

SAMPLE #			SAMPLE DATE	CALIBRATION DATA		
APCD,	L.A.	00-0200	08/27/73	G.C.	660 -	08/28/73
"	"	02-0400	"	"	"	08/27/73
"	"	04-0600	"	"	"	"
"	"	06-0800	"	"	"	"
"	"	08-1000	"	"	"	"
"	"	10-1200	"	"	"	08/28/73
"	"	12-1400	"	"	"	"
"	"	14-1600	"	"	"	"
"	"	16-1800	"	"	"	"
"	"	18-2000	"	"	"	"
"	"	20-2200	"	"	"	"
"	"	22-2400	"	"	"	"
APCD,	L.A.	00-0200	08/28/73	G.C.	660 -	08/28/73
"	"	02-0400	"	"	"	"
"	"	04-0600	"	"	"	08/29/73
"	"	06-0800	"	"	"	"
"	"	08-1000	"	"	"	"
"	"	10-1200	"	"	"	"
"	"	12-1400	"	"	"	"
"	"	16-1800	"	"	"	"
"	"	18-2000	"	"	"	"
"	"	20-2200	"	"	"	"
"	"	22-2400	"	"	"	"
APCD,	L.A.	00-0200	08/29/73	G.C.	660 -	08/30/73
"	"	02-0400	"	"	"	"
"	"	04-0600	"	"	"	"
"	"	06-0800	"	"	"	"
"	"	08-1000	"	"	"	08/29/73
"	"	10-1200	"	"	"	08/30/73
"	"	12-1400	"	"	"	"
"	"	14-1600	"	"	"	"
"	"	16-1800	"	"	"	"
"	"	18-2000	"	"	"	"
"	"	20-2200	"	"	"	08/31/73
"	"	22-2400	"	"	"	08/30/73

SAMPLE #			SAMPLE DATE	CALIBRATION DATA			
APCD,	L.A.	00-0200	08/30/73	G.C.	660	-	08/30/73
"	"	02-0400	"	"	"		"
"	"	04-0600	"	"	"		"
"	"	06-0800	"	"	"		08/31/73
"	"	08-1000	"	"	"		08/30/73
"	"	10-1200	"	"	"		08/31/73
"	"	12-1400	"	"	"		"
"	"	14-1600	"	"	"		"
"	"	16-1800	"	"	"		09/04/73
"	"	18-2000	"	"	"		"
"	"	20-2200	"	"	"		"
"	"	22-2400	"	"	"		"
APCD,	L.A.	00-0200	08/31/73	G.C.	660	-	09/04/73
"	"	02-0400	"	"	"		"
"	"	04-0600	"	"	"		"
"	"	06-0800	"	"	"		08/31/73
"	"	08-1000	"	"	"		"
"	"	10-1200	"	"	"		"
"	"	12-1400	"	"	"		"
"	"	14-1600	"	"	"		09/04/73

ARB VAN SAMPLES

SAMPLE DATE	BAG #	TIME	LOCATION
09/28/73	1	0946-0951	INGLEWOOD, CENTINELA & HYDE PARK
"	2	0958-1003	INGLEWOOD, CENTINELA & GREEN VALLEY
10/01/73	1	0841-0850	DOWNEY, LAUNCH SITE, MOTOR OFF
"	2	0931-0940	LYNWOOD, WALNUT & ERNESTINE STS., MOTOR OFF
"	3	1030-1040	WATTS, 105TH ST. & GORMAN AVE., MOTOR RUNNING
"	4	1130-1140	BELL GARDENS, HORNSEY & LIVE OAK, MOTOR RUNNING
10/02/73	1	1352-1357	POMONA, LAUNCH SITE, MOTOR OFF
"	2	1442-1447	POMONA, ELAINE & RAYLENE, MOTOR OFF
"	3	1545-1550	CUCAMONGA, FOOTHILL & VINELAND, MOTOR RUNNING
"	4	1625-1630	CUCAMONGA, CHAFFEY COLLEGE, MOTOR OFF
10/04/73	1	0920-0925	LOS ANGELES, LAUNCH SITE, 7TH & ALAMEDA, MOTOR OFF
"	2	1030-1035	LOS ANGELES, OAK ST. & VENICE, MOTOR OFF
"	3	1130-1135	LOS ANGELES, MOHAWK & RESERVOIR STS. MOTOR OFF
"	4	1230-1235	GLENDALE, GLENDALE BLVD. & BROADWAY, MOTOR OFF
10/05/73	1	0930-0935	DOWNEY, IMPERIAL & RIVES, MOTOR OFF
"	2	1040-1050	DOWNEY, IMPERIAL & REVES, MOTOR OFF
"	3	1125-1130	DOWNEY, GARFIELD & KARMONT, MOTOR OFF
"	4	1300-1305	COMMERCE, ATLANTIC & 57TH ST., MOTOR OFF
"	5	1525-1530	EAST LOS ANGELES, FORD & BROOKLYN ST., MOTOR OFF
"	6	1430-1435	SAN MARINO, VIRGINIA & MONTEREY
"	7	1435-1437	ALTADENA, MARENGO & ALTADENA

ARB VAN SAMPLES

SAMPLE DATE	BAG #	TIME	LOCATION
10/15/73	1	0845-0852	DOWNEY, LAUNCH SITE, MOTOR OFF
"	2	0945-0957	DOWNEY, IMPERIAL & BROCK, MOTOR OFF
"	3	1040-1045	PARAMOUNT, ILLINOIS & ALONDRA, MOTOR OFF
"	4	1145-1147	LONG BEACH, MADISON & AVOCADO, MOTOR OFF
"	5	1240-1247	NORWALK, IMPERIAL & NORWALK, MOTOR OFF
10/16/73	1	0940-0945	LOS ANGELES, LAUNCH SITE, 7TH & ALAMEDA MOTOR OFF
"	2	1040-1045	LOS ANGELES, RODEO & HAUSER, MOTOR OFF
"	3	1140-1145	CULVER CITY, ARIZONA AVE. & ARIZONA PL. MOTOR OFF
10/17/73	1	0930-0935	LOS ANGELES, LAUNCH SITE, 7TH & ALAMEDA MOTOR OFF
"	2	1030-1035	SOUTH GATE, FIRESTONE & SOUTH GATE, MOTOR RUNNING
"	3	1130-1135	DOMINGUEZ HILLS, VICTORIA & SUSANNA, MOTOR OFF
"	4	1230-1235	LAKEWOOD, SOUTH & CHERRY, MOTOR OFF
"	5	1330-1335	BUENA PARK, ORANGETHORPE & KNOTT, MOTOR OFF
"	6	1430-1435	ANAHEIM, LA PALMA, MOTOR OFF
10/18/73	1	0930-0935	DOWNEY, LAUNCH SITE, MOTOR OFF
"	2	1030-1035	LONG BEACH, ATLANTIC & 21ST.,MOTOR OFF
"	3	1230-1235	DOWNEY, LAUNCH SITE, MOTOR OFF
"	4	1325-1330	SANTA FE SPRINGS, NORWALK & SMITH, MOTOR OFF
"	5	1420-1425	HACIENDA HEIGHTS, HACIENDA & COLIMA, MOTOR RUNNING
"	6	1530-1535	CLAREMONT, INDIAN HILLS, MOTOR RUNNING

ARB VAN SAMPLES

SAMPLE DATE	BAG #	TIME	LOCATION
10/24/73	1	0900-0905	DOWNEY, LAUNCH SITE, MOTOR OFF
"	2	1000-1005	DOWNEY, PARAMOUNT & GARDENDALE, MOTOR OFF
"	3	1100-1105	PARAMOUNT, COMPTON & PARAMOUNT, MOTOR OFF
"	4	1155-1200	BELLFLOWER, PAL VERDE & ALLINGTON, MOTOR OFF
"	5	1300-1305	CYPRESS, LINCOLN & WATSON, MOTOR OFF
"	6	1315-1320	CYPRESS, CYPRESS COLLEGE, MOTOR OFF
10/25/73	1	0830-0835	LOS ANGELES, 7TH & ALAMEDA, MOTOR OFF
"	2	0930-0935	LOS ANGELES, 34TH & CENTRAL, MOTOR OFF
"	3	1025-1030	LOS ANGELES, CRENSHAW & 4TH, MOTOR OFF
"	4	1125-1130	LOS ANGELES, SANTA BARBARA & CHESAPEAKE MOTOR OFF
"	5	1230-1235	LOS ANGELES, WESTERN & 5TH, MOTOR OFF
"	6	1330-1335	LOS ANGELES, RIVERSIDE & GLENDALE, MOTOR OFF
10/29/73	1	0830-0835	DOWNEY, LAUNCH SITE, MOTOR OFF
"	2	0930-0935	COMMERCE, GIBSON & DANIEL
"	3	1030-1035	MONTEREY PARK, LOMA VERDE & REPETTO
"	4	1130-1135	ROSEMEAD, BROADWAY & ROSEMEAD
"	5	1230-1235	ARCADIA, MOUNTAIN & ROYAL OAK, MOTOR OFF
10/30/73	1	0830-0835	DOWNEY, LAUNCH SITE, MOTOR OFF
"	2	0930-0935	DOWNEY, LAKEWOOD & CLANAAN, MOTOR OFF
"	3	1030-1035	LONG BEACH, ATLANTIC & DELANO, MOTOR OFF
"	4	1130-1135	LONG BEACH, ATLANTIC & COLUMBIA, MOTOR OFF
"	5	1230-1235	LONG BEACH, PACIFIC & BROADWAY, MOTOR OFF
"	6	1330-1335	LAKEWOOD, FACULTY & CENTRALIA, MOTOR OFF

AEB VAN SAMPLES

SAMPLE DATE	BAG #	TIME	LOCATION
10/31/73	1	0830-0835	LOS ANGELES, 7TH & ALAMEDA, MOTOR OFF
"	2	0930-0935	LOS ANGELES, ROLEO & HILLCREST, MOTOR OFF
"	3	1030-1035	PLAYA DEL REY, MOTOR OFF
"	4	1130-1135	PLAYA DEL REY PARK, MOTOR OFF
"	5	1230-1235	CULVER CITY, VENICE & ROBINSON
"	6	1330-1335	LOS ANGELES, GEORGIA & VENICE ST., MOTOR OFF
11/01/73	1	0745-0750	LOS ANGELES, 7TH & ALAMEDA, MOTOR OFF
"	2	0845-0850	LOS ANGELES, VERNON & WESTERN, MOTOR OFF
"	3	0945-0950	CULVER CITY, MANNING & PILERSBURY,
"	4	1050-1055	LOS ANGELES, 7TH & ALAMEDA, MOTOR OFF
"	5	1150-1155	CULVER CITY, ARIZONA PL. & ARIZONA AVE. MOTOR OFF
11/02/73	1	1200-1205	WESTCHESTER, MOTOR OFF
"	2	1300-1305	ALHAMBRA, MAIN & PRIMROSE, MOTOR OFF
"	3	1400-1405	PASADENA, FOOTHILL & ALTADENA DR., MOTOR OFF
11/05/73	1	0745-0750	DOWNEY, PARAMOUNT & IMPERIAL
"	2	0845-0850	PARAMOUNT, COMPTON & ILLINOIS
"	3	0945-0950	PARAMOUNT, PARAMOUNT & ARTESIA, MOTOR OFF
"	4	1045-1050	COMPTON, WOODRUFF & FLORA VISTA
"	5	1145-1150	CERRITOS, ALONDRA & PIONEER, MOTOR OFF
"	6	1245-1250	SANTA FE SPRINGS, MAYER & CARMELITA, MOTOR OFF
11/06/73	1	0739	LOS ANGELES, 7TH & ALAMEDA
"	2	0839	LOS ANGELES, CRENSHAW & 63RD. ST.
"	3	0954	LOS ANGELES, 7TH & ALAMEDA
"	4	1108	LOS ANGELES, 7TH & ALAMEDA
"	5	1209	LOS ANGELES, GLENDALE & EFFIE
"	6	1303	GLENDALE, BROADWAY & LUKEN

ARB VAN SAMPLES

SAMPLE DATE	BAG #	TIME	LOCATION
11/07/73	1	0800-0810	LOS ANGELES, 7TH & ALAMEDA
"	2	0954	LOS ANGELES, PICO & IVOLD
"	3	1100	LOS ANGELES, HOLLYWOOD & BRONSON
"	4	1218	LOS ANGELES, HUNTINGTON DR., & SOUTH HUNTINGTON
"	5	1300	SAN MARINO, HUNTINGTON & BADFID
"	6	1435	DUARTE, HUNTINGTON & ELMHURST
11/08/73	1	1318	ALHAMBRA, ATLANTIC & MAIN
"	2	1335	SAN GABRIEL, MAIN & SAN MARINO
"	3	1350	TEMPLE CITY, LAS TUNAS & ROSEMEAD
"	4	1406	ARCADIA, LAS TUNAS & BALDWIN
"	5	1414	ARCADIA, LAS TUNAS & SANTA ANITA
"	6	1430	IRWINDALE, LIVE OAK & PECK RD.
"	7	1443	IRWINDALE, LAS TUNAS & 605 FREEWAY
11/13/73	1	1112-1117	ALHAMBRA, ATLANTIC & MAIN
"	2	1130-1135	SAN GABRIEL, LAS TUNAS & SAN MARINO
"	3	1145-1150	TEMPLE CITY, LAS TUNAS & ROSEMEAD
"	4	1200-1205	ARCADIA, LAS TUNAS & BALDWIN
"	5	1210-1215	ARCADIA, LAS TUNAS & SANTA ANITA
"	6	1223-1228	ARCADIA, LIVE OAK & PECK RD.
"	7	1235-1240	IRWINDALE, ARROW HWY. & 605 FREEWAY
"	8	1245-1250	ARCADIA, LIVE OAK & PECK RD.
"	9	1255-1300	ARCADIA, LAS TUNAS & SANTA ANITA
"	10	1305-1310	ARCADIA, LAS TUNAS & BALDWIN
"	11	1320-1325	TEMPLE CITY, LAS TUNAS & ROSEMEAD
"	12	1330-1335	SAN GABRIEL, LAS TUNAS & SAN MARINO
"	13	1350-1355	ALHAMBRA, MAIN & OLIVE
11/14/73	1	0840-0845	LOS ANGELES, 4TH AVE & 5TH
"	2	0850-0855	LOS ANGELES, 6TH AVE & 25TH
"	3	0900-0905	LOS ANGELES, 10TH AVE & 25TH
"	4	0905-0910	LOS ANGELES, 10TH AVE & SANTA MONICA
"	5	0912-09[illegible]7	LOS ANGELES, 10TH AVE & 21ST
"	6	0920-0925	LOS ANGELES, 4TH AVE & 21ST
"	7	0930-0935	LOS ANGELES, GRAMMERCY & SANTA MONICA FREEWAY
"	8	0940-0945	LOS ANGELES, GRAMMERCY & 24TH
"	9	0950-0955	LOS ANGELES, 4TH AVE & 25TH
"	1	1500-1505	ALHAMBRA, ATLANTIC & MAIN
"	2	1520-1525	SAN GABRIEL, LAS TUNAS & SAN MARINO
"	3	1530-1535	TEMPLE CITY, LAS TUNAS & ROSEMEAD
"	4	1540-1545	ARCADIA, LAS TUNAS & BALDWIN
"	5	1555-1600	ARCADIA, LAS TUNAS & SANTA ANITA
"	6	1600-1610	ARCADIA, LAS TUNAS & PECK RD.
"	7	1615-1620	IRWINDALE, ARROW HWY & 605 FREEWAY

*

SAMPLE DATE 09/11/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME HELICOPTER-1, BAG#01 (Smog #2) PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6841	11.43	3.6	
2	ETHYLENE	45	7681	12.84	4.0	
3	ACETYLENE	51	3776	6.31	2.0	
4	PROPANE	66	7053	11.79	3.7	
5	PROPYLENE	79	1414	2.36	0.7	
6	ISOBUTANE	109	3079	5.14	1.6	
7	N-BUTANE	125	7613	12.72	4.0	
8	1-BUTENE	167	949	1.58	0.5	
9	ISOBUTYLENE + T-2-BUTENE	196	1513	2.52	0.8	
10	ISOPENTANE	236	8099	13.54	4.3	
11	N-PENTANE	268	3334	5.57	1.7	
12	HEXANES	536	8459	14.14	4.5	

READY

METHANE - 1.63 PPM

PRI*
CHNO: 1*
ANALYSIS FORMAT: 2A*

SAMPLE DATE 09/11/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME Smog #2 HELICOPTER-1,BAG#A02 PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7100	11.46	3.6	
2	ETHYLENE	45	11573	18.69	5.9	
3	ACETYLENE	51	3250	5.24	1.6	
4	PROPANE	66	5618	9.07	2.8	
5	PROPYLENE	79	719	1.15	0.3	
6	ISOBUTANE	109	2755	4.44	1.4	
7	N-BUTANE	125	7688	12.41	3.9	
8	1-BUTENE	167	461	0.74	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	250	0.40	0.0	
10	ISOPENTANE	236	8978	14.50	4.6	
11	N-PENTANE	268	4258	6.87	2.1	
12	HEXANES	536	9255	14.94	4.7	

READY

METHANE - 1.63 PPM

*

SAMPLE DATE 09/11/73

SAMPLE ID A3,GC-660, ???? HRS.

SAMPLE NAME HELICOPTER-1,BAG#A03 Smog #2

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 4

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	7533	11.27	4.0
2	ETHYLENE	45	8444	12.63	4.5
3	ACETYLENE	51	4036	6.03	2.1
4	PROPANE	66	9283	13.89	4.9
5	PROPYLENE	79	1554	2.32	0.8
6	ISOBUTANE	109	3924	5.87	2.0
7	N-BUTANE	125	8516	12.74	4.5
8	1-BUTENE	167	1325	1.98	0.7
9	ISOBUTYLENE + T-2-BUTENE	196	489	0.72	0.2
10	ISOPENTANE	236	8272	12.37	4.4
11	N-PENTANE	268	4764	7.12	2.5
12	HEXANES	536	8674	12.98	4.6

READY

METHANE-1.67PPM

PRI*
CHNO: 1*
ANALYSIS FORMAT: 2A*

SAMPLE DATE 09/11/73

SAMPLE ID A3,GC-202, ???? HRS.

SMOG #2
SAMPLE NAME HELICOPTER-1,BAG#A04

GC CHANNEL 1
REF. PEAK TIME 125
PK NO BIG AREA 2
PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	10456	14.79	5.3
2	ETHYLENE	45	13628	19.27	7.0
3	ACETYLENE	51	3166	4.47	1.5
4	PROPANE	66	8812	12.46	4.5
5	PROPYLENE	79	1637	2.31	0.7
6	ISOBUTANE	109	4425	6.25	2.2
7	N-BUTANE	125	10134	14.33	5.2
8	1-BUTENE	167	306	0.43	0.1
9	ISOBUTYLENE + T-2-BUTENE	196	332	0.46	0.1
10	ISOPENTANE	236	7295	10.31	3.7
11	N-PENTANE	268	3672	5.19	1.8
12	HEXANES	536	6821	9.64	3.5

READY

METHANE - 1.64 PPM

GC CHANNEL 1

SAMPLE DATE 09/11/73

REF. PEAK TIME 125

SAMPLE ID A3,GC-202, ???? HRS.

PK NO BIG AREA 2

SMOG #2

SAMPLE NAME HELICOPTER-1,BAG#A05

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	5435	9.38	3.2
2	ETHYLENE	45	10256	17.70	6.0
3	ACETYLENE	51	3048	5.26	1.8
4	PROPANE	66	6821	11.77	4.0
5	PROPYLENE	79	792	1.36	0.4
6	ISOBUTANE	109	3229	5.57	1.9
7	N-BUTANE	125	7480	12.91	4.4
8	1-BUTENE	167	540	0.93	0.3
9	ISOBUTYLENE + T-2-BUTENE	196	1034	1.78	0.6
10	ISOPENTANE	236	7825	13.51	4.6
11	N-PENTANE	268	4062	7.01	2.4
12	HEXANES	536	7390	12.75	4.3

READY

METHANE - 1.59 PPM

*

SAMPLE DATE 09/11/73

SAMPLE ID A3,GC-202, ???? HRS.

SAMPLE NAME SMOG #2 HELICOPTER-1,BAG#A06

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 2

PK NO REF PEAK 7

RNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6460	10.85	3.8	
2	ETHYLENE	45	9572	16.08	5.6	
3	ACETYLENE	51	3345	5.61	1.9	
4	PROPANE	66	7872	13.22	4.6	
5	PROPYLENE	79	1074	1.80	0.6	
6	ISOBUTANE	109	3555	5.97	2.1	
7	N-BUTANE	125	7815	13.12	4.6	
8	1-BUTENE	167	152	0.25	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	148	0.24	0.0	
10	ISOPENTANE	236	7933	13.32	4.7	
11	N-PENTANE	268	4070	6.83	2.4	
12	HEXANES	536	7521	12.63	4.4	

READY

METHANE - 1.67 PPM

*

SAMPLE DATE 09/11/73

SAMPLE ID A3,GC-660, ???? HRS.

SAMPLE NAME HELICOPTER-1,BAG#A07 (SMOG #2)

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	6855	10.59	3.6
2	ETHYLENE	45	11109	17.17	5.8
3	ACETYLENE	51	3066	4.73	1.6
4	PROPANE	66	8708	13.46	4.6
5	PROPYLENE	79	974	1.50	0.5
6	ISOBUTANE	109	3843	5.93	2.0
7	N-BUTANE	125	8358	12.92	4.4
8	1-BUTENE	167	222	0.34	0.1
9	ISOBUTYLENE + T-2-BUTENE	196	207	0.31	0.1
10	ISOPENTANE	236	8412	13.00	4.4
11	N-PENTANE	268	3775	5.83	1.9
12	HEXANES	536	9152	14.14	4.8

READY

METHANE - 1.59 PPM

SAMPLE DATE 09/13/73 | GC CHANNEL 1

SAMPLE ID A3,GC-660, 1406 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG #2 HELICOPTER-1, BAG#1 | PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	8533	12.68	4.7
2	ETHYLENE	45	11217	16.68	6.2
3	ACETYLENE	51	3345	4.97	1.8
4	PROPANE	66	9391	13.96	5.1
5	PROPYLENE	79	1472	2.18	0.8
6	ISOBUTANE	109	4635	6.89	2.5
7	N-BUTANE	125	8746	13.00	4.8
8	ISOBUTYLENE + T-2-BUTENE	196	1395	2.07	0.7
9	ISOPENTANE	236	6668	9.91	3.6
10	N-PENTANE	268	2748	4.08	1.5
11	CYCLOPENTANE	298	192	0.28	0.1
12	1-PENTENE	345	2028	3.01	1.1
13	HEXANES	536	6862	10.20	3.7

READY

SAMPLE DATE 09/13/73

SAMPLE ID A3,GC-660, 1412 HRS.

SAMPLE NAME HELICOPTER-1, BAG#2 (handwritten: SMOG#2)

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	8347	10.88	4.6
2	ETHYLENE	45	24541	32.01	13.5
3	ACETYLENE	51	3573	4.66	1.9
4	PROPANE	66	8642	11.27	4.7
5	PROPYLENE	79	1887	2.45	1.0
6	ISOBUTANE	109	3866	5.04	2.1
7	N-BUTANE	125	8033	10.47	4.4
8	1-BUTENE	167	643	0.83	0.3
9	ISOBUTYLENE + T-2-BUTENE	196	1075	1.40	0.5
10	ISOPENTANE	236	7313	9.53	4.0
11	N-PENTANE	268	2958	3.85	1.6
12	HEXANES	536	5767	7.52	3.1

READY

SAMPLE DATE 09/16/73 | GC CHANNEL 1

SAMPLE ID A3.GC-660. 1838 HRS. | REF. PEAK TIME 125

SMOG #2

SAMPLE NAME H-1.OUTSIDE.1000'B-1 | PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6043	13.75	2.9	
2	ETHYLENE	45	5034	11.45	2.4	
3	ACETYLENE	51	3054	6.94	1.4	
4	PROPANE	66	5404	12.29	2.6	
5	PROPYLENE	79	1019	2.31	0.4	
6	ISOBUTANE	109	2181	4.96	1.0	
7	N-BUTANE	125	4313	9.81	2.0	
8	1-BUTENE	167	1143	2.60	0.5	
9	ISOBUTYLENE + T-2-BUTENE	196	607	1.37	0.2	
10	ISOPENTANE	236	5795	13.18	2.8	
11	N-PENTANE	268	2470	5.61	1.1	
12	HEXANES	536	6879	15.65	3.3	

READY

METHANE - 1.71 PPM

*

SAMPLE DATE 09/16/73

SAMPLE ID A3,GC-660, 1848 HRS.

SAMPLE NAME H-1,CABIN,1000'MSL-2 *SMOG #2*

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6477	1.99	2.9	
2	ETHYLENE	45	285226	87.93	*6-6	128.5
3	ACETYLENE	51	4377	1.34	1.9	
4	PROPANE	66	5150	1.58	2.3	
5	PROPYLENE	79	1404	0.43	0.6	
6	ISOBUTANE	109	2030	0.62	0.9	
7	N-BUTANE	125	4276	1.31	1.9	
8	1-BUTENE	167	342	0.10	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	589	0.18	0.2	
10	ISOPENTANE	236	5672	1.74	2.5	
11	N-PENTANE	268	2444	0.75	1.1	
12	HEXANES	536	6363	1.95	2.8	

READY

METHANE - 1.58 PPM

SAMPLE DATE 09/17/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME HELICOPTER-1, BAG 1 SMOG #2 PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	16570	11.75	7.4	
2	ETHYLENE	45	33902	24.06	15.2	
3	ACETYLENE	51	11327	8.03	5.1	
4	PROPANE	66	19909	14.12	8.9	
5	PROPYLENE	79	3255	2.31	1.4	
6	ISOBUTANE	109	9155	6.49	4.1	
7	N-BUTANE	125	14846	10.53	6.6	
8	1-BUTENE	167	917	0.65	0.4	
9	ISOBUTYLENE + T-2-BUTENE	196	1053	0.74	0.4	
10	ISOPENTANE	236	12282	8.71	5.5	
11	N-PENTANE	268	5378	3.81	2.4	
12	HEXANES	536	12298	8.72	5.5	

READY

METHANE - 1.84 PPM

SAMPLE DATE 09/17/73

SAMPLE ID A3,GC-66C, ???? HRS.

SMOG #2

SAMPLE NAME HELICOPTER-1, BAG 2

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 1

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	24326	18.46	10.9
2	ETHYLENE	45	12937	9.81	5.8
3	ACETYLENE	51	4940	3.74	2.2
4	PROPANE	66	23757	18.02	10.7
5	PROPYLENE	79	3255	2.46	1.4
6	ISOBUTANE	109	9499	7.20	4.2
7	N-BUTANE	125	18182	13.80	8.1
8	1-BUTENE	167	516	0.39	0.2
9	ISOBUTYLENE + T-2-BUTENE	196	517	0.39	0.2
10	ISOPENTANE	236	12992	9.86	5.8
11	N-PENTANE	268	6093	4.62	2.7
12	CYCLOPENTANE	298	838	0.63	0.3
13	HEXANES	536	13891	10.54	6.2

READY

METHANE - 2.13 PPM

*

SAMPLE DATE 09/17/73

SAMPLE ID A3,GC-660, ???? HRS.

SAMPLE NAME HELICOPTER-1, BAG 3 SMOG #2

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 4

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	20253	15.85	9.1
2	ETHYLENE	45	14428	11.29	6.5
3	ACETYLENE	51	5294	4.14	2.3
4	PROPANE	66	20857	16.33	9.3
5	PROPYLENE	79	3927	3.07	1.7
6	ISOBUTANE	109	9524	7.45	4.2
7	N-BUTANE	125	15242	11.93	6.8
8	1-BUTENE	167	1533	1.19	0.6
9	ISOBUTYLENE + T-2-BUTENE	196	1210	0.94	0.5
10	ISOPENTANE	236	12495	9.78	5.6
11	N-PENTANE	268	5502	4.30	2.4
12	HEXANES	536	17424	13.64	7.8

READY

METHANE - 1.87 PPM

*

SAMPLE DATE 09/17/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG #2 HELICOPTER-1, BAG 4 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	25420	15.78	11.7	
2	ETHYLENE	45	15059	9.34	6.9	
3	ACETYLENE	51	5673	3.52	2.6	
4	PROPANE	66	23830	14.79	10.9	
5	PROPYLENE	79	4450	2.76	2.0	
6	ISOBUTANE	109	11261	6.99	5.1	
7	N-BUTANE	125	18505	11.48	8.5	
8	1-BUTENE	167	3083	1.91	1.4	
9	ISOBUTYLENE + T-2-BUTENE	196	762	0.47	0.3	
10	ISOPENTANE	236	14914	9.25	6.8	
11	N-PENTANE	268	8102	5.02	3.7	
12	CYCLOPENTANE	298	549	0.33	0.2	
13	HEXANES	536	29456	18.28	13.5	

READY

METHANE - 1.93 PPM

SAMPLE DATE 09/17/73

SAMPLE ID A3,GC-202. ???? HRS.

SAMPLE NAME HELICOPTER-1, BAG 5 Smog #2

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	23599	14.95	10.8
2	ETHYLENE	45	20153	12.76	9.2
3	ACETYLENE	51	5209	3.29	2.3
4	PROPANE	66	22093	13.99	10.1
5	PROPYLENE	79	5150	3.26	2.3
6	ISOBUTANE	109	11365	7.19	5.2
7	N-BUTANE	125	18772	11.89	8.6
8	1-BUTENE	167	3529	2.23	1.6
9	ISOBUTYLENE + T-2-BUTENE	196	680	0.43	0.3
10	ISOPENTANE	236	15085	9.55	6.9
11	N-PENTANE	268	8282	5.24	3.8
12	HEXANES	536	23922	15.15	11.0

READY

METHANE - 1.95 PPM

SAMPLE DATE 09/18/73

SAMPLE ID A3,GC-202, ???? HRS.

SAMPLE NAME SMOG #2, BAG 1

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	16779	7.73	7.5	
2	ETHYLENE	45	27682	12.75	12.5	
3	ACETYLENE	51	9309	4.28	4.1	
4	PROPANE	66	25606	11.79	11.5	
5	PROPYLENE	79	2497	1.15	1.0	
6	ISOBUTANE	109	12191	5.61	5.4	
7	N-BUTANE	125	23007	10.60	10.3	
8	1-BUTENE	167	301	0.13	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	465	0.21	0.1	
10	ISOPENTANE	236	32121	14.80	14.5	
11	N-PENTANE	268	16754	7.72	7.5	
12	HEXANES	536	50281	23.16	22.7	

READY

METHANE - 1.94 PPM

SAMPLE DATE 09/18/73 GC CHANNEL 1

SAMPLE ID A3, GC-660, ???? HRS. REF. PEAK TIME 125

SMOG #2

SAMPLE NAME HELICOPTER-1, BAG 2 PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	19134	10.57	9.2	
2	ETHYLENE	45	16463	9.09	7.9	
3	ACETYLENE	51	14607	8.07	7.0	
4	PROPANE	66	27568	15.23	13.3	
5	PROPYLENE	79	3852	2.12	1.7	
6	ISOBUTANE	109	11566	6.39	5.6	
7	N-BUTANE	125	21055	11.63	10.2	
8	1-BUTENE	167	229	0.12	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	754	0.41	0.3	
10	ISOPENTANE	236	29688	16.40	14.3	
11	N-PENTANE	268	10475	5.78	5.0	
12	CYCLOPENTANE	298	1103	0.60	0.4	
13	HEXANES	536	24452	13.51	11.8	

READY

METHANE - 2.02 PPM

SAMPLE DATE 09/18/73

SAMPLE ID A3,GC-202, ???? HRS.

SAMPLE NAME SMOG #2, BAG 3

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	18323	8.63	8.2	
2	ETHYLENE	45	29653	13.97	13.3	
3	ACETYLENE	51	13719	6.46	6.1	
4	PROPANE	66	23584	11.11	10.6	
5	PROPYLENE	79	2956	1.39	1.3	
6	ISOBUTANE	109	10747	5.06	4.8	
7	N-BUTANE	125	20718	9.76	9.3	
8	1-BUTENE	167	700	0.32	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	875	0.41	0.3	
10	ISOPENTANE	236	30979	14.59	13.9	
11	N-PENTANE	268	15456	7.28	6.9	
12	HEXANES	536	44446	20.94	20.0	

READY

METHANE - 1.99 PPM

SAMPLE DATE 09/18/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME HELICOPTER-1, BAG 4 SMCG#2 PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	17712	9.68	8.5	
2	ETHYLENE	45	14697	8.03	7.1	
3	ACETYLENE	51	14429	7.88	6.9	
4	PROPANE	66	23183	12.67	11.2	
5	PROPYLENE	79	3590	1.96	1.7	
6	PROPADIENE	93	107	0.05	0.0	
7	ISOBUTANE	109	9883	5.40	4.7	
8	N-BUTANE	125	18796	10.27	9.1	
9	1-BUTENE	167	204	0.10	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	1318	0.72	0.6	
11	ISOPENTANE	236	28433	15.54	13.8	
12	N-PENTANE	268	12066	6.59	5.8	
13	CYCLOPENTANE	298	351	0.18	0.1	
14	HEXANES	536	38066	20.81	18.5	

READY

METHANE - 1.99 PPM

SAMPLE DATE 09/18/73

GC CHANNEL :

SAMPLE ID A3,GC-66C, ???? HRS.

REF. PEAK TIME 125

SAMPLE NAME HELICOPTER-1, BAG 5 SMOG #2

PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	19447	10.00	9.4	
2	ETHYLENE	45	15906	8.17	7.7	
3	ACETYLENE	51	15037	7.73	7.2	
4	PROPANE	66	27362	14.07	13.2	
5	PROPYLENE	79	4084	2.09	1.9	
6	ISOBUTANE	109	11437	5.88	5.5	
7	N-BUTANE	125	21546	11.07	10.4	
8	1-BUTENE	167	786	0.40	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1015	0.52	0.4	
10	ISOPENTANE	236	29690	15.26	14.3	
11	N-PENTANE	268	11335	5.82	5.4	
12	HEXANES	536	36798	18.92	17.8	

READY

METHANE - 1.99 PPM

*

SAMPLE DATE 09/18/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG #2, BAG 6 PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	16642	10.98	7.5	
2	ETHYLENE	45	14867	9.81	6.7	
3	ACETYLENE	51	10363	6.84	4.6	
4	PROPANE	66	19397	12.80	8.7	
5	PROPYLENE	79	1290	0.85	0.5	
6	ISOBUTANE	109	9143	6.03	4.1	
7	N-BUTANE	125	17790	11.74	8.0	
8	ISOPENTANE	236	22549	14.88	10.1	
9	N-PENTANE	268	10531	6.95	4.7	
10	CYCLOPENTANE	298	755	0.49	0.3	
11	HEXANES	536	28130	18.56	12.7	

READY

METHANE - 1.90 PPM

SAMPLE DATE 09/18/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. REF. PEAK TIME 125

SMOG #2

SAMPLE NAME HELICOPTER-1, BAG 7 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	15773	10.24	7.6	
2	ETHYLENE	45	12581	8.17	6.0	
3	ACETYLENE	51	11647	7.56	5.6	
4	PROPANE	66	20731	13.46	10.0	
5	PROPYLENE	79	1854	1.20	0.8	
6	ISOBUTANE	109	9313	6.04	4.4	
7	N-BUTANE	125	16771	10.89	8.1	
8	1-BUTENE	167	185	0.11	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	144	0.09	0.0	
10	ISOPENTANE	236	23353	15.17	11.3	
11	N-PENTANE	268	10377	6.74	5.0	
12	CYCLOPENTANE	298	610	0.39	0.2	
13	HEXANES	536	30568	19.86	14.8	

READY

METHANE - 1.95 PPM

SAMPLE DATE 09/18/73

SAMPLE ID A3,GC-660, ???? HRS.

SAMPLE NAME HELICOPTER-1, BAG 8
SMOG #2

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	15412	10.73	7.4
2	ETHYLENE	45	16337	11.38	7.8
3	ACETYLENE	51	10868	7.57	5.2
4	PROPANE	66	20160	14.04	9.7
5	PROPYLENE	79	1551	1.08	0.7
6	ISOBUTANE	109	8528	5.94	4.1
7	N-BUTANE	125	16001	11.14	7.7
8	ISOPENTANE	236	21943	15.28	10.6
9	N-PENTANE	268	8985	6.25	4.2
10	HEXANES	536	23735	16.53	11.4

READY

METHANE - 1.90 PPM

*

SAMPLE DATE 09/18/73

SAMPLE ID A3,GC-202, ???? HRS.

SAMPLE NAME SMOG #2, BAG 9

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14354	11.09	6.4	
2	ETHYLENE	45	10560	8.16	4.7	
3	ACETYLENE	51	8686	6.71	3.9	
4	PROPANE	66	17897	13.83	8.0	
5	PROPYLENE	79	1102	0.85	0.4	
6	ISOBUTANE	109	7742	5.98	3.4	
7	N-BUTANE	125	16262	12.57	7.3	
8	1-BUTENE	167	205	0.15	0.0	
9	ISOPENTANE	236	20145	15.57	9.0	
10	N-PENTANE	268	9823	7.59	4.3	
11	CYCLOPENTANE	298	102	0.07	0.0	
12	HEXANES	536	22444	17.35	10.1	

READY

METHANE - 1.95 PPM

SAMPLE DATE 09/19/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG #2, BAG 1 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	21981	10.49	10.3	
2	ETHYLENE	45	15516	7.40	7.2	
3	ACETYLENE	51	18474	8.81	8.6	
4	PROPANE	66	25015	11.93	11.7	
5	PROPYLENE	79	2958	1.40	1.3	
6	ISOBUTANE	109	10375	4.94	4.8	
7	N-BUTANE	125	24297	11.59	11.4	
8	1-BUTENE	167	539	0.25	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	835	0.39	0.3	
10	ISOPENTANE	236	31561	15.06	14.8	
11	N-PENTANE	268	15024	7.17	7.0	
12	CYCLOPENTANE	298	1913	0.91	0.8	
13	HEXANES	536	41004	19.57	19.2	

READY

METHANE - 2.41 PPM

*

SAMPLE DATE 09/19/73

SAMPLE ID A3,GC-202, ???? HRS.

SAMPLE NAME SMOG #2, BAG 2

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	20385	10.61	9.5
2	ETHYLENE	45	14878	7.74	6.9
3	ACETYLENE	51	15166	7.89	7.1
4	PROPANE	66	21722	11.31	10.2
5	PROPYLENE	79	2198	1.14	1.0
6	ISOBUTANE	109	9480	4.93	4.4
7	N-BUTANE	125	22733	11.84	10.7
8	1-BUTENE	167	222	0.11	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	552	0.28	0.2
10	ISOPENTANE	236	30449	15.85	14.2
11	N-PENTANE	268	14642	7.62	6.8
12	CYCLOPENTANE	298	1586	0.82	0.7
13	HEXANES	536	37969	19.77	17.8

READY

METHANE - 2.37 PPM

SAMPLE DATE 09/19/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG #2, BAG 3 PK NO BIG AREA 4

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PMMC	VOL.%
1	ETHANE	40	9536	11.38	4.4	
2	ETHYLENE	45	12911	15.42	6.0	
3	ACETYLENE	51	3679	4.39	1.7	
4	PROPANE	66	14349	17.13	6.7	
5	PROPYLENE	79	1425	1.69	0.6	
6	ISOBUTANE	109	6126	7.31	2.8	
7	N-BUTANE	125	12953	15.46	6.0	
8	ISOPENTANE	236	9723	11.61	4.5	
9	N-PENTANE	268	3784	4.51	1.7	
10	HEXANES	536	9238	11.03	4.2	

READY

METHANE - 2.06 PPM

SAMPLE DATE 09/19/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG #2, BAG 4 PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	9176	10.45	4.2
2	ETHYLENE	45	11516	13.12	5.3
3	ACETYLENE	51	3336	3.79	1.5
4	PROPANE	66	12555	14.30	5.8
5	PROPYLENE	79	1174	1.33	0.5
6	ISOBUTANE	109	6076	6.92	2.8
7	N-BUTANE	125	12883	14.68	6.0
8	1-BUTENE	167	151	0.17	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	484	0.54	0.1
10	ISOPENTANE	236	11126	12.68	5.2
11	N-PENTANE	268	4779	5.44	2.1
12	HEXANES	536	14480	16.50	6.7

READY

METHANE - 1.99 PPM

SAMPLE DATE 09/19/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG #2, BAG 5 PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4191	10.95	1.9	
2	ETHYLENE	45	1861	4.86	0.8	
3	ACETYLENE	51	2121	5.54	0.9	
4	PROPANE	66	4117	10.76	1.8	
5	PROPYLENE	79	325	0.84	0.0	
6	ISOBUTANE	109	1798	4.69	0.7	
7	N-BUTANE	125	4021	10.51	1.8	
8	1-BUTENE	167	167	0.43	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	434	1.13	0.1	
10	ISOPENTANE	236	4710	12.31	2.1	
11	N-PENTANE	268	2883	7.53	1.3	
12	HEXANES	536	11613	30.36	5.4	

READY

METHANE - 1.94 PPM

SAMPLE DATE	09/19/73	GC CHANNEL	1
SAMPLE ID	A3,GC-660, ???? HRS.	REF. PEAK TIME	125
SAMPLE NAME	SMOG #2, BAG 6	PK NO BIG AREA	11
		PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	1265	17.85	0.7	
2	ETHYLENE	45	517	7.29	0.2	
3	ACETYLENE	51	400	5.64	0.1	
4	PROPANE	66	1209	17.06	0.6	
5	PROPYLENE	79	414	5.84	0.2	
6	ISOBUTANE	109	213	3.00	0.0	
7	N-BUTANE	125	635	8.96	0.3	
8	ISOPENTANE	236	485	6.84	0.2	
9	N-PENTANE	268	294	4.14	0.1	
10	CYCLOPENTANE	298	116	1.63	0.0	
11	HEXANES	536	1536	21.67	0.8	

READY

METHANE - 1.81 PPM

SAMPLE DATE 09/19/73

SAMPLE ID A3,GC-660, ???? HRS.

SAMPLE NAME SMOG #2, BAG 7

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 1

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	2601	22.29	1.4	
2	ETHYLENE	45	450	3.85	0.2	
3	ACETYLENE	51	814	6.97	0.4	
4	PROPANE	66	2380	20.39	1.3	
5	PROPYLENE	79	498	4.26	0.2	
6	ISOBUTANE	109	548	4.69	0.3	
7	N-BUTANE	125	1303	11.16	0.7	
8	ISOPENTANE	236	840	7.19	0.4	
9	N-PENTANE	268	642	5.49	0.3	
10	HEXANES	536	1592	13.64	0.8	

READY

METHANE - 1.86 PPM

SAMPLE DATE 09/19/73

SAMPLE ID A3,GC-660, ???? HRS.

SAMPLE NAME SMOG #3, BAG 1

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	19067	9.56	11.0
2	ETHYLENE	45	30004	15.04	17.3
3	ACETYLENE	51	15170	7.60	8.7
4	PROPANE	66	22940	11.50	13.2
5	PROPYLENE	79	4186	2.09	2.4
6	PROPADIENE	93	147	0.07	0.0
7	ISOBUTANE	109	9640	4.83	5.5
8	N-BUTANE	125	21049	10.55	12.1
9	1-BUTENE	167	1086	0.54	0.6
10	ISOBUTYLENE + T-2-BUTENE	196	1415	0.70	0.7
11	ISOPENTANE	236	26728	13.40	15.4
12	N-PENTANE	268	12203	6.11	7.0
13	CYCLOPENTANE	298	777	0.38	0.3
14	HEXANES	536	34940	17.52	20.2

READY

METHANE - 2.38 PPM

SAMPLE DATE 09/19/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG #3, BAG 2 PK NO BIG AREA 2

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	19448	9.46	11.2	
2	ETHYLENE	45	39454	19.20	22.8	
3	ACETYLENE	51	15910	7.74	9.2	
4	PROPANE	66	22475	10.93	13.0	
5	PROPYLENE	79	3482	1.69	1.9	
6	PROPADIENE	93	146	0.07	0.0	
7	ISOBUTANE	109	9180	4.46	5.3	
8	N-BUTANE	125	21077	10.25	12.1	
9	1-BUTENE	167	473	0.22	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	671	0.32	0.3	
11	ISOPENTANE	236	26541	12.91	15.3	
12	N-PENTANE	268	11551	5.62	6.6	
13	CYCLOPENTANE	298	878	0.42	0.4	
14	HEXANES	536	34179	16.63	19.8	

READY

METHANE - 2.35 PPM

GC CHANNEL 1

SAMPLE DATE 09/19/73

REF. PEAK TIME 125

SAMPLE ID A3,GC-660, ???? HRS.

PK NO BIG AREA 14

SAMPLE NAME SMOG #3, BAG 3

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	19625	9.95	11.3
2	ETHYLENE	45	28980	14.69	16.7
3	ACETYLENE	51	16123	8.17	9.2
4	PROPANE	66	22681	11.50	13.1
5	PROPYLENE	79	3628	1.83	2.0
6	PROPADIENE	93	352	0.17	0.1
7	ISOBUTANE	109	9571	4.85	5.5
8	N-BUTANE	125	21033	10.66	12.1
9	1-BUTENE	167	607	0.30	0.3
10	ISOBUTYLENE + T-2-BUTENE	196	892	0.45	0.4
11	ISOPENTANE	236	26322	13.34	15.2
12	N-PENTANE	268	11430	5.79	6.5
13	CYCLOPENTANE	298	1229	0.62	0.7
14	HEXANES	536	34679	17.58	20.0

READY

METHANE - 2.40 PPM

SAMPLE DATE 09/19/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG #3, BAG 4 PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	20200	10.38	11.7	
2	ETHYLENE	45	22405	11.52	12.9	
3	ACETYLENE	51	16193	8.32	9.3	
4	PROPANE	66	23733	12.20	13.7	
5	PROPYLENE	79	3875	1.99	2.1	
6	PROPADIENE	93	114	0.05	0.0	
7	ISOBUTANE	109	9569	4.91	5.5	
8	N-BUTANE	125	21759	11.19	12.5	
9	1-BUTENE	167	895	0.45	0.4	
10	ISOBUTYLENE + T-2-BUTENE	196	1014	0.51	0.5	
11	ISOPENTANE	236	27504	14.14	15.9	
12	N-PENTANE	268	12194	6.27	7.0	
13	CYCLOPENTANE	298	982	0.50	0.5	
14	HEXANES	536	33964	17.46	19.6	

READY

METHANE - 2.41 PPM

SAMPLE DATE 09/19/73

SAMPLE ID A3,GC-660, ???? HRS.

SAMPLE NAME SMOG #3, BAG 5

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	20063	9.93	11.6
2	ETHYLENE	45	27541	13.63	15.9
3	ACETYLENE	51	17273	8.55	10.0
4	PROPANE	66	22434	11.10	12.9
5	PROPYLENE	79	3878	1.91	2.1
6	PROPADIENE	93	203	0.09	0.0
7	ISOBUTANE	109	9282	4.59	5.3
8	N-BUTANE	125	22652	11.21	13.1
9	1-BUTENE	167	748	0.36	0.3
10	ISOBUTYLENE + T-2-BUTENE	196	755	0.37	0.3
11	ISOPENTANE	236	29381	14.54	17.0
12	N-PENTANE	268	12511	6.19	7.1
13	CYCLOPENTANE	298	947	0.46	0.5
14	HEXANES	536	34288	16.97	19.8

14
READY

METHANE - 2.38 PPM

SAMPLE DATE 09/20/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG #2, BAG 1 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	11859	10.26	6.1
2	ETHYLENE	45	9661	8.36	5.0
3	ACETYLENE	51	7470	6.46	3.9
4	PROPANE	66	15576	13.48	8.1
5	PROPYLENE	79	2047	1.77	1.0
6	ISOBUTANE	109	6998	6.05	3.6
7	N-BUTANE	125	14938	12.93	7.8
8	1-BUTENE	167	376	0.32	0.1
9	ISOBUTYLENE + T-2-BUTENE	196	731	0.63	0.3
10	ISOPENTANE	236	18074	15.64	9.4
11	N-PENTANE	268	8098	7.00	4.2
12	CYCLOPENTANE	298	592	0.50	0.2
13	HEXANES	536	19101	16.53	10.0

READY

METHANE - 1.84 PPM

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 8

SAMPLE DATE 09/20/73

SAMPLE ID A3,GC-660, ???? HRS.

SAMPLE NAME SMOG #2, BAG 2

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	11296	10.30	5.9
2	ETHYLENE	45	13609	12.41	7.1
3	ACETYLENE	51	7376	6.72	3.8
4	PROPANE	66	13789	12.57	7.1
5	PROPYLENE	79	2426	2.21	1.2
6	PROPADIENE	93	127	0.11	0.0
7	ISOBUTANE	109	6236	5.68	3.2
8	N-BUTANE	125	13932	12.70	7.2
9	1-BUTENE	167	207	0.18	0.0
10	ISOBUTYLENE + T-2-BUTENE	196	529	0.48	0.2
11	ISOPENTANE	236	16583	15.12	8.6
12	N-PENTANE	268	8009	7.30	4.1
13	CYCLOPENTANE	298	585	0.53	0.2
14	HEXANES	536	14914	13.60	7.8

READY

METHANE - 1.83 PPM

SAMPLE DATE 09/20/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG #2, BAG 3 PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11851	10.26	6.1	
2	ETHYLENE	45	17028	14.75	8.9	
3	ACETYLENE	51	7837	6.78	4.0	
4	PROPANE	66	14187	12.28	7.4	
5	PROPYLENE	79	2078	1.79	1.0	
6	ISOBUTANE	109	6336	5.48	3.2	
7	N-BUTANE	125	14284	12.37	7.5	
8	1-BUTENE	167	263	0.22	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	421	0.36	0.1	
10	ISOPENTANE	236	16646	14.41	8.7	
11	N-PENTANE	268	7377	6.39	3.8	
12	CYCLOPENTANE	298	426	0.36	0.1	
13	HEXANES	536	16687	14.45	8.7	

READY

METHANE - 1.84 PPM

SAMPLE DATE 09/20/73

SAMPLE ID A3,GC-660, ???? HRS.

SAMPLE NAME SMOG #2, BAG 4

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	12463	9.97	6.4
2	ETHYLENE	45	14105	11.28	7.3
3	ACETYLENE	51	8633	6.90	4.5
4	PROPANE	66	16811	13.44	8.8
5	PROPYLENE	79	2494	1.99	1.2
6	ISOBUTANE	109	8043	6.43	4.2
7	N-BUTANE	125	16355	13.08	8.5
8	1-BUTENE	167	295	0.23	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	1066	0.85	0.5
10	ISOPENTANE	236	18685	14.94	9.7
11	N-PENTANE	268	7908	6.32	4.1
12	CYCLOPENTANE	298	733	0.58	0.3
13	HEXANES	536	17391	13.91	9.1

READY

METHANE - 1.88 PPM

SAMPLE DATE 09/20/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG #2, BAG 5 PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	13104	10.63	6.8
2	ETHYLENE	45	9141	7.42	4.7
3	ACETYLENE	51	8677	7.04	4.5
4	PROPANE	66	15457	12.54	8.1
5	PROPYLENE	79	2295	1.86	1.1
6	PROPADIENE	93	43	0.03	0.0
7	ISOBUTANE	109	6823	5.53	3.5
8	N-BUTANE	125	15464	12.55	8.1
9	1-BUTENE	167	415	0.33	0.1
10	ISOBUTYLENE + T-2-BUTENE	196	845	0.68	0.3
11	ISOPENTANE	236	19437	15.78	10.1
12	N-PENTANE	268	8856	7.18	4.6
13	CYCLOPENTANE	298	712	0.57	0.3
14	HEXANES	536	21893	17.77	11.4

READY

METHANE - 1.87 PPM

SAMPLE DATE 09/20/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG #2, BAG 6 PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	15070	10.91	7.8	
2	ETHYLENE	45	15841	11.46	8.2	
3	ACETYLENE	51	9608	6.95	5.0	
4	PROPANE	66	17232	12.47	8.9	
5	PROPYLENE	79	1810	1.30	0.9	
6	PROPADIENE	93	115	0.08	0.0	
7	ISOBUTANE	109	7392	5.34	3.8	
8	N-BUTANE	125	17167	12.42	8.9	
9	1-BUTENE	167	162	0.11	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	140	0.10	0.0	
11	ISOPENTANE	236	19571	14.16	10.2	
12	N-PENTANE	268	9614	6.96	5.0	
13	CYCLOPENTANE	298	696	0.50	0.3	
14	HEXANES	536	23688	17.15	12.4	

READY

METHANE - 1.92 PPM

SAMPLE DATE 09/20/73

SAMPLE ID A3,GC-660, ???? HRS.

SAMPLE NAME SMOG #2, BAG 7

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	14754	11.06	7.7
2	ETHYLENE	45	11409	8.56	5.9
3	ACETYLENE	51	9495	7.12	4.9
4	PROPANE	66	16710	12.53	8.7
5	PROPYLENE	79	1780	1.33	0.8
6	ISOBUTANE	109	6825	5.12	3.5
7	N-BUTANE	125	16345	12.26	8.5
8	1-BUTENE	167	310	0.23	0.1
9	ISOBUTYLENE + T-2-BUTENE	196	200	0.14	0.0
10	ISOPENTANE	236	19886	14.92	10.3
11	N-PENTANE	268	9109	6.83	4.7
12	CYCLOPENTANE	298	677	0.50	0.3
13	HEXANES	536	25761	19.32	13.5

READY

METHANE - 1.90 PPM

SAMPLE DATE 09/20/73

SAMPLE ID A3,GC-660, ???? HRS.

SAMPLE NAME SMOG #2, BAG 8

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	15410	11.31	8.0
2	ETHYLENE	45	11077	8.13	5.7
3	ACETYLENE	51	8498	6.23	4.4
4	PROPANE	66	18290	13.42	9.6
5	PROPYLENE	79	2181	1.59	1.0
6	PROPADIENE	93	398	0.28	0.1
7	ISOBUTANE	109	7778	5.70	4.0
8	N-BUTANE	125	17989	13.20	9.4
9	1-BUTENE	167	245	0.17	0.0
10	ISOBUTYLENE + T-2-BUTENE	196	768	0.56	0.3
11	ISOPENTANE	236	19189	14.08	10.0
12	N-PENTANE	268	8145	5.97	4.2
13	CYCLOPENTANE	298	662	0.48	0.3
14	HEXANES	536	25555	18.76	13.4

READY

METHANE - 1.95 PPM

SAMPLE DATE 09/20/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG #2, BAG 9 — PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	15083	11.22	7.8	
2	ETHYLENE	45	14390	10.70	7.5	
3	ACETYLENE	51	9395	6.99	4.9	
4	PROPANE	66	17464	12.99	9.1	
5	PROPYLENE	79	1347	1.00	0.7	
6	PROPADIENE	93	323	0.23	0.1	
7	ISOBUTANE	109	7858	5.84	4.0	
8	N-BUTANE	125	18306	13.62	9.6	
9	1-BUTENE	167	140	0.10	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	267	0.19	0.0	
11	ISOPENTANE	236	19118	14.23	10.0	
12	N-PENTANE	268	8188	6.09	4.2	
13	CYCLOPENTANE	298	865	0.64	0.3	
14	HEXANES	536	21599	16.07	11.3	

READY

METHANE - 1.94 PPM

SAMPLE DATE 09/20/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG #2, BAG 10 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	12900	10.91	6.7	
2	ETHYLENE	45	9531	8.05	5.0	
3	ACETYLENE	51	8520	7.20	4.4	
4	PROPANE	66	15233	12.88	7.9	
5	PROPYLENE	79	1738	1.46	0.8	
6	ISOBUTANE	109	6723	5.68	3.5	
7	N-BUTANE	125	15045	12.72	7.8	
8	1-BUTENE	167	401	0.33	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	985	0.83	0.4	
10	ISOPENTANE	236	18788	15.88	9.8	
11	N-PENTANE	268	8718	7.36	4.5	
12	CYCLOPENTANE	298	444	0.37	0.1	
13	HEXANES	536	19217	16.25	10.0	

READY

SAMPLE DATE 09/20/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG #3, BAG 1 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11144	8.84	5.3	
2	ETHYLENE	45	17475	13.87	8.2	
3	ACETYLENE	51	5753	4.56	2.7	
4	PROPANE	66	11689	9.27	5.5	
5	PROPYLENE	79	1039	0.82	0.4	
6	ISOBUTANE	109	5443	4.31	2.5	
7	N-BUTANE	125	13752	10.91	6.4	
8	1-BUTENE	167	914	0.72	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	170	0.13	0.0	
10	ISOPENTANE	236	19461	15.44	9.2	
11	N-PENTANE	268	10456	8.29	4.9	
12	CYCLOPENTANE	298	270	0.21	0.0	
13	HEXANES	536	28406	22.54	13.5	

READY

METHANE - 1.82 PPM

SAMPLE DATE 09/20/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG #3, BAG 2 PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	11780	8.80	5.5	
2	ETHYLENE	45	16793	12.54	7.9	
3	ACETYLENE	51	8750	6.53	4.1	
4	PROPANE	66	15158	11.32	7.1	
5	PROPYLENE	79	1915	1.42	0.8	
6	ISOBUTANE	109	6548	4.89	3.0	
7	N-BUTANE	125	15300	11.43	7.2	
8	1-BUTENE	167	267	0.19	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	467	0.34	0.1	
10	ISOPENTANE	236	20760	15.51	9.8	
11	N-PENTANE	268	11049	8.25	5.2	
12	HEXANES	536	25019	18.69	11.8	

READY

METHANE - 1.86 PPM

SAMPLE DATE 09/20/73

SAMPLE ID A3,GC-202, ???? HRS.

SAMPLE NAME SMOG #3, BAG 3

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	14957	10.88	7.1
2	ETHYLENE	45	16424	11.95	7.8
3	ACETYLENE	51	9894	7.20	4.6
4	PROPANE	66	15667	11.40	7.4
5	PROPYLENE	79	1638	1.19	0.7
6	ISOBUTANE	109	7026	5.11	3.2
7	N-BUTANE	125	16886	12.29	8.0
8	1-BUTENE	167	302	0.21	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	173	0.12	0.0
10	ISOPENTANE	236	19595	14.26	9.2
11	N-PENTANE	268	9650	7.02	4.5
12	CYCLOPENTANE	298	470	0.34	0.1
13	HEXANES	536	24654	17.95	11.7

READY

METHANE - 1.90 PPM

SAMPLE DATE 09/20/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG #3, BAG 4 PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	15825	11.01	7.3	
2	ETHYLENE	45	15164	10.55	7.0	
3	ACETYLENE	51	9669	6.73	4.4	
4	PROPANE	66	16336	11.37	7.5	
5	PROPYLENE	79	1916	1.33	0.8	
6	ISOBUTANE	109	7086	4.93	3.2	
7	N-BUTANE	125	17042	11.86	7.8	
8	ISOBUTYLENE + T-2-BUTENE	196	100	0.06	0.0	
9	ISOPENTANE	236	18329	12.76	8.5	
10	N-PENTANE	268	8179	5.69	3.7	
11	HEXANES	536	33958	23.64	15.8	

READY

METHANE - 1.87 PPM

SAMPLE DATE 09/20/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG #3, BAG 5 PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	12769	9.21	6.0	
2	ETHYLENE	45	14535	10.49	6.8	
3	ACETYLENE	51	8788	6.34	4.1	
4	PROPANE	66	15176	10.95	7.1	
5	PROPYLENE	79	1596	1.15	0.7	
6	ISOBUTANE	109	7641	5.51	3.5	
7	N-BUTANE	125	16730	12.07	7.9	
8	1-BUTENE	167	136	0.09	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	355	0.25	0.1	
10	ISOPENTANE	236	21208	15.31	10.0	
11	N-PENTANE	268	11208	8.09	5.3	
12	HEXANES	536	28347	20.46	13.5	

READY

METHANE - 1.89 PPM

SAMPLE DATE 09/20/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, ???? HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG #3, BAG 6 | PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	14557	9.25	6.8
2	ETHYLENE	45	14866	9.45	7.0
3	ACETYLENE	51	7519	4.78	3.5
4	PROPANE	66	19219	12.22	9.1
5	PROPYLENE	79	947	0.60	0.3
6	ISOBUTANE	109	8760	5.56	4.1
7	N-BUTANE	125	19617	12.47	9.2
8	1-BUTENE	167	280	0.17	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	186	0.11	0.0
10	ISOPENTANE	236	23497	14.94	11.1
11	N-PENTANE	268	12522	7.96	5.9
12	CYCLOPENTANE	298	1325	0.84	0.6
13	HEXANES	536	33922	21.57	16.1

READY

METHANE - 1.95 PPM

*

SAMPLE DATE 09/24/73

SAMPLE ID A3,GC-660, ???? HRS.

SAMPLE NAME SMOG #2, BAG 1

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	6846	9.87	3.5
2	ETHYLENE	45	4837	6.97	2.5
3	ACETYLENE	51	4497	6.48	2.3
4	PROPANE	66	8981	12.95	4.6
5	PROPYLENE	79	1745	2.51	0.8
6	ISOBUTANE	109	3908	5.63	2.0
7	N-BUTANE	125	8793	12.68	4.6
8	1-BUTENE	167	346	0.49	0.1
9	ISOBUTYLENE + T-2-BUTENE	196	1179	1.69	0.6
10	ISOPENTANE	236	10881	15.69	5.7
11	N-PENTANE	268	4728	6.82	2.5
12	HEXANES	536	12567	18.13	6.6

READY

METHANE - 1.96 PPM

SAMPLE DATE 09/24/73

SAMPLE ID A3,GC-660, ???? HRS.

SAMPLE NAME SMOG #2, BAG 2

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	7716	10.62	3.9
2	ETHYLENE	45	5203	7.15	2.6
3	ACETYLENE	51	4974	6.84	2.5
4	PROPANE	66	9996	13.75	5.1
5	PROPYLENE	79	1760	2.42	0.8
6	ISOBUTANE	109	4306	5.92	2.1
7	N-BUTANE	125	8401	11.56	4.3
8	1-BUTENE	167	388	0.53	0.1
9	ISOBUTYLENE + T-2-BUTENE	196	370	0.50	0.1
10	ISOPENTANE	236	11312	15.57	5.8
11	N-PENTANE	268	5166	7.11	2.6
12	CYCLOPENTANE	298	308	0.42	0.1
13	HEXANES	536	12752	17.55	6.6

READY

METHANE - 1.86 PPM

SAMPLE DATE 09/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG #2, BAG 3 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	7927	11.26	4.1	
2	ETHYLENE	45	5388	7.65	2.8	
3	ACETYLENE	51	5002	7.10	2.5	
4	PROPANE	66	10122	14.38	5.2	
5	PROPYLENE	79	1671	2.37	0.8	
6	ISOBUTANE	109	4452	6.32	2.2	
7	N-BUTANE	125	8093	11.50	4.2	
8	1-BUTENE	167	133	0.18	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	233	0.32	0.0	
10	ISOPENTANE	236	10934	15.53	5.7	
11	N-PENTANE	268	4738	6.73	2.4	
12	CYCLOPENTANE	298	416	0.58	0.1	
13	HEXANES	536	11243	15.97	5.8	

READY

METHANE - 1.89 PPM

*

SAMPLE DATE 09/24/73

SAMPLE ID A3,GC-660, ???? HRS.

SAMPLE NAME SMOG #2, BAG 4

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7809	11.79	4.0	
2	ETHYLENE	45	5441	8.21	2.8	
3	ACETYLENE	51	4487	6.77	2.3	
4	PROPANE	66	8819	13.32	4.6	
5	PROPYLENE	79	1695	2.56	0.8	
6	ISOBUTANE	109	3774	5.70	1.9	
7	N-BUTANE	125	7410	11.19	3.8	
8	1-BUTENE	167	287	0.43	0.0	
9	ISOPENTANE	236	10435	15.76	5.3	
10	N-PENTANE	268	4553	6.87	2.3	
11	CYCLOPENTANE	298	331	0.49	0.1	
12	HEXANES	536	11140	16.83	5.7	

READY

METHANE - 1.93 PPM

*

SAMPLE DATE 09/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG #2, BAG 5 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8961	11.11	4.6	
2	ETHYLENE	45	5968	7.39	3.0	
3	ACETYLENE	51	5346	6.62	2.7	
4	PROPANE	66	12389	15.36	6.4	
5	PROPYLENE	79	2086	2.58	1.0	
6	ISOBUTANE	109	4992	6.18	2.5	
7	N-BUTANE	125	7912	9.80	4.0	
8	1-BUTENE	167	325	0.40	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	410	0.50	0.1	
10	ISOPENTANE	236	11047	13.69	5.7	
11	N-PENTANE	268	5024	6.22	2.5	
12	CYCLOPENTANE	298	374	0.46	0.1	
13	HEXANES	536	15810	19.60	8.2	

READY

METHANE - 2.06 PPM

*

SAMPLE DATE 09/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG #2, BAG 6 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7416	12.19	3.8	
2	ETHYLENE	45	4118	6.76	2.1	
3	ACETYLENE	51	4386	7.20	2.2	
4	PROPANE	.66	8764	14.40	4.5	
5	PROPYLENE	79	627	1.02	0.3	
6	ISOBUTANE	109	4142	6.80	2.1	
7	N-BUTANE	125	7221	11.87	3.7	
8	1-BUTENE	167	173	0.28	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	209	0.34	0.0	
10	ISOPENTANE	236	9119	14.99	4.7	
11	N-PENTANE	268	3749	6.16	1.9	
12	CYCLOPENTANE	298	187	0.30	0.0	
13	HEXANES	536	10716	17.61	5.5	

READY

METHANE - 1.90

*

SAMPLE DATE 09/24/73 — GC CHANNEL 1

SAMPLE ID A3, GC-660, ???? HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG #2, BAG 7 — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7407	10.86	3.8	
2	ETHYLENE	45	3776	5.53	1.9	
3	ACETYLENE	51	4594	6.74	2.3	
4	PROPANE	66	8840	12.97	4.6	
5	PROPYLENE	79	914	1.33	0.4	
6	ISOBUTANE	109	3923	5.75	2.0	
7	N-BUTANE	125	6932	10.17	3.5	
8	1-BUTENE	167	54	0.07	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	172	0.25	0.0	
10	ISOPENTANE	236	10063	14.76	5.2	
11	N-PENTANE	268	4565	6.69	2.3	
12	CYCLOPENTANE	298	161	0.23	0.0	
13	HEXANES	536	16740	24.56	8.7	

READY

METHANE - 1.93 PPM

*

SAMPLE DATE 09/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG #2, BAG 8 PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7769	11.51	4.0	
2	ETHYLENE	45	4422	6.55	2.2	
3	ACETYLENE	51	5080	7.52	2.6	
4	PROPANE	66	9823	14.55	5.0	
5	PROPYLENE	79	1266	1.87	0.6	
6	ISOBUTANE	109	4171	6.18	2.1	
7	N-BUTANE	125	7123	10.55	3.6	
8	1-BUTENE	167	51	0.07	0.0	
9	ISOPENTANE	236	11185	16.57	5.7	
10	N-PENTANE	268	4631	6.86	2.3	
11	CYCLOPENTANE	298	368	0.54	0.1	
12	HEXANES	536	11571	17.15	6.0	

READY

METHANE - 1.87 PPM

*

SAMPLE DATE 09/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG #2, BAG 9 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7271	11.38	3.7	
2	ETHYLENE	45	4440	6.94	2.2	
3	ACETYLENE	51	4626	7.24	2.3	
4	PROPANE	66	9096	14.23	4.6	
5	PROPYLENE	79	981	1.53	0.4	
6	ISOBUTANE	109	4041	6.32	2.1	
7	N-BUTANE	125	7375	11.54	3.8	
8	1-BUTENE	167	119	0.18	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	125	0.19	0.0	
10	ISOPENTANE	236	10082	15.78	5.2	
11	N-PENTANE	268	4301	6.73	2.1	
12	CYCLOPENTANE	298	230	0.35	0.0	
13	HEXANES	536	11191	17.51	5.7	

READY

METHANE - 1.94 PPM

*

GC CHANNEL	1
REF. PEAK TIME	125
PK NO BIG AREA	11
PK NO REF PEAK	7

SAMPLE DATE 09/24/73

SAMPLE ID A3,GC-660, ???? HRS.

SAMPLE NAME SMOG #2, BAG 10

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7345	10.78	3.8	
2	ETHYLENE	45	4736	6.95	2.4	
3	ACETYLENE	51	5085	7.46	2.6	
4	PROPANE	66	9449	13.87	4.9	
5	PROPYLENE	79	1504	2.20	0.7	
6	ISOBUTANE	109	4268	6.26	2.1	
7	N-BUTANE	125	7690	11.28	3.9	
8	ISOBUTYLENE + T-2-BUTENE	196	196	0.28	0.0	
9	ISOPENTANE	236	10546	15.48	5.4	
10	N-PENTANE	268	4532	6.65	2.3	
11	HEXANES	536	12764	18.73	6.6	

READY

METHANE - 1.93 PPM

SAMPLE DATE 09/24/73

SAMPLE ID A3, GC-202, 0942 HRS.

SAMPLE NAME SMOG #3, BAG 2, 700'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8030	9.82	3.7	
2	ETHYLENE	45	9563	11.70	4.4	
3	ACETYLENE	51	4410	5.39	2.0	
4	PROPANE	66	8618	10.54	3.9	
5	PROPYLENE	79	1802	2.20	0.7	
6	ISOBUTANE	109	4409	5.39	2.0	
7	N-BUTANE	125	9216	11.28	4.2	
8	1-BUTENE	167	241	0.29	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	569	0.69	0.2	
10	ISOPENTANE	236	11346	13.89	5.2	
11	N-PENTANE	268	5799	7.09	2.6	
12	CYCLOPENTANE	298	109	0.13	0.0	
13	HEXANES	536	17555	21.49	8.2	

READY

METHANE - 1.97 PPM

*

SAMPLE DATE 09/24/73

SAMPLE ID A3,GC-202, 0948 HRS.

SAMPLE NAME SMOG#3,BAG 3, 400'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6830	8.56	3.1	
2	ETHYLENE	45	13876	17.39	6.4	
3	ACETYLENE	51	4416	5.53	2.0	
4	PROPANE	66	8841	11.08	4.0	
5	PROPYLENE	79	1396	1.74	0.6	
6	ISOBUTANE	109	3727	4.67	1.7	
7	N-BUTANE	125	7640	9.57	3.5	
8	ISOPENTANE	236	9824	12.31	4.5	
9	N-PENTANE	268	4080	5.11	1.8	
10	HEXANES	536	19120	23.97	8.9	

READY

METHANE - 1.86 PPM

*

SAMPLE DATE 09/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0956 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 4, 750' PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7185	10.07	3.2	
2	ETHYLENE	45	7468	10.46	3.4	
3	ACETYLENE	51	3775	5.28	1.7	
4	PROPANE	66	7628	10.69	3.5	
5	PROPYLENE	79	1418	1.98	0.6	
6	ISOBUTANE	109	3014	4.22	1.4	
7	N-BUTANE	125	6353	8.90	2.8	
8	1-BUTENE	167	289	0.40	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	346	0.48	0.1	
10	ISOPENTANE	236	11492	16.10	5.3	
11	N-PENTANE	268	5924	8.30	2.7	
12	HEXANES	536	16450	23.05	7.6	

READY

METHANE - 1.91 PPM

*

SAMPLE DATE 09/24/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 1005 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 5 | PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	7976	10.07	3.6	
2	ETHYLENE	45	9450	11.93	4.3	
3	ACETYLENE	51	4835	6.10	2.1	
4	PROPANE	66	8608	10.87	3.9	
5	PROPYLENE	79	1041	1.31	0.4	
6	ISOBUTANE	109	2951	3.72	1.3	
7	N-BUTANE	125	6523	8.23	2.9	
8	1-BUTENE	167	325	0.40	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	580	0.73	0.2	
10	ISOPENTANE	236	11670	14.73	5.3	
11	N-PENTANE	268	6023	7.60	2.8	
12	CYCLOPENTANE	298	594	0.74	0.2	
13	HEXANES	536	18583	23.47	8.6	

READY

METHANE - 1.92 PPM

*

SAMPLE DATE 09/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1145 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 6, 1300' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPHMC	VOL.%
1	ETHANE	40	7564	10.34	3.5	
2	ETHYLENE	45	5178	7.08	2.3	
3	ACETYLENE	51	4227	5.78	1.9	
4	PROPANE	66	8900	12.17	4.1	
5	PROPYLENE	79	1173	1.60	0.5	
6	ISOBUTANE	109	4208	5.75	1.9	
7	N-BUTANE	125	7217	9.86	3.3	
8	1-BUTENE	167	295	0.40	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	78	0.10	0.0	
10	ISOPENTANE	236	11848	16.20	5.4	
11	N-PENTANE	268	5655	7.73	2.5	
12	CYCLOPENTANE	298	1094	1.49	0.4	
13	HEXANES	536	15673	21.43	7.2	

READY

METHANE - 1.97 PPM

*

SAMPLE DATE 09/24/73

SAMPLE ID A3,GC-202, 1155 HRS.

SAMPLE NAME SMOG#3,BAG 7, 1400'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	7996	11.01	3.6
2	ETHYLENE	45	4558	6.28	2.1
3	ACETYLENE	51	5193	7.15	2.4
4	PROPANE	66	9883	13.61	4.6
5	PROPYLENE	79	826	1.13	0.3
6	ISOBUTANE	109	4534	6.24	2.1
7	N-BUTANE	125	7283	10.03	3.3
8	1-BUTENE	167	117	0.15	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	161	0.21	0.0
10	ISOPENTANE	236	11197	15.42	5.1
11	N-PENTANE	268	5270	7.26	2.4
12	CYCLOPENTANE	298	271	0.37	0.0
13	HEXANES	536	15266	21.03	7.1

READY

METHANE - 1.86 PPM

*

SAMPLE DATE 09/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1231 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 9, 800' PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6785	10.59	3.1	
2	ETHYLENE	45	7214	11.26	3.3	
3	ACETYLENE	51	4680	7.30	2.1	
4	PROPANE	.66	7882	12.31	3.6	
5	PROPYLENE	79	925	1.44	0.3	
6	ISOBUTANE	109	3868	6.03	1.7	
7	N-BUTANE	125	6802	10.62	3.1	
8	1-BUTENE	167	192	0.29	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	398	0.61	0.1	
10	ISOPENTANE	236	11666	18.21	5.3	
11	N-PENTANE	268	5471	8.54	2.5	
12	CYCLOPENTANE	298	239	0.37	0.0	
13	HEXANES	536	7900	12.33	3.6	

READY

METHANE - 1.93 PPM

*

SAMPLE DATE 09/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1238 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 10, 840' PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9349	11.85	4.2	
2	ETHYLENE	45	8158	10.34	3.7	
3	ACETYLENE	51	5542	7.02	2.5	
4	PROPANE	.66	8829	11.19	4.0	
5	PROPYLENE	79	1221	1.54	0.5	
6	ISOBUTANE	109	4730	5.99	2.1	
7	N-BUTANE	125	8312	10.53	3.8	
8	ISOPENTANE	236	10883	13.80	5.0	
9	N-PENTANE	268	5028	6.37	2.3	
10	CYCLOPENTANE	298	288	0.36	0.0	
11	HEXANES	536	16517	20.94	7.6	

READY

METHANE - 1.96 PPM

*

SAMPLE DATE	09/24/73	GC CHANNEL	1
SAMPLE ID	A3,GC-202, 1429 HRS.	REF. PEAK TIME	125
SAMPLE NAME	SMOG#3,BAG 11, 500'	PK NO BIG AREA	10
		PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9215	9.16	4.2	
2	ETHYLENE	45	9026	8.97	4.1	
3	ACETYLENE	51	4712	4.68	2.1	
4	PROPANE	66	15315	15.23	7.1	
5	PROPYLENE	79	943	0.93	0.3	
6	ISOBUTANE	109	6833	6.79	3.1	
7	N-BUTANE	125	14080	14.00	6.5	
8	1-BUTENE	167	249	0.24	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	211	0.20	0.0	
10	ISOPENTANE	236	16031	15.95	7.4	
11	N-PENTANE	268	8785	8.74	4.0	
12	HEXANES	536	15098	15.02	7.0	

READY

METHANE - 1.91 PPM

*

SAMPLE DATE 09/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1440 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3, BAG 12,1000' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	8044	12.36	4.1
2	ETHYLENE	45	5601	8.60	2.8
3	ACETYLENE	51	3594	5.52	1.8
4	PROPANE	66	8700	13.37	4.5
5	PROPYLENE	79	948	1.45	0.4
6	ISOBUTANE	109	4345	6.67	2.2
7	N-BUTANE	125	7563	11.62	3.9
8	1-BUTENE	167	111	0.16	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	132	0.20	0.0
10	ISOPENTANE	236	9149	14.06	4.7
11	N-PENTANE	268	4128	6.34	2.1
12	CYCLOPENTANE	298	118	0.18	0.0
13	HEXANES	536	12616	19.39	6.5

READY

METHANE - 1.85 PPM

*

SAMPLE DATE	09/24/73	GC CHANNEL	1
SAMPLE ID	A3,GC-202, 1449 HRS.	REF. PEAK TIME	125
SAMPLE NAME	SMOG#3,BAG 13, 3000'	PK NO BIG AREA	9
		PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7709	12.81	3.5	
2	ETHYLENE	45	7675	12.75	3.5	
3	ACETYLENE	51	3253	5.40	1.4	
4	PROPANE	66	7157	11.89	3.2	
5	PROPYLENE	79	498	0.82	0.1	
6	ISOBUTANE	109	3462	5.75	1.5	
7	N-BUTANE	125	6515	10.82	2.9	
8	1-BUTENE	167	125	0.20	0.0	
9	ISOPENTANE	236	9789	16.27	4.5	
10	N-PENTANE	268	4492	7.46	2.0	
11	CYCLOPENTANE	298	612	1.01	0.2	
12	HEXANES	536	8867	14.73	4.1	

READY

METHANE - 1.87 PPM

SAMPLE DATE 09/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1458 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 14, 4000' PK NO BIG AREA 1

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	1954	16.48	1.0	
2	ETHYLENE	45	1606	13.54	0.7	
3	ACETYLENE	51	1025	8.64	0.4	
4	PROPANE	66	1442	12.16	0.7	
5	PROPYLENE	79	197	1.66	0.0	
6	ISOBUTANE	109	576	4.85	0.2	
7	N-BUTANE	125	1298	10.94	0.6	
8	ISOPENTANE	236	1405	11.85	0.7	
9	N-PENTANE	268	447	3.76	0.1	
10	HEXANES	536	1903	16.05	0.9	

READY

METHANE - 1.67 PPM

*

SAMPLE DATE 09/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1511 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 15, 5000' PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	879	10.80	0.3	
2	ETHYLENE	45	2390	29.39	1.0	
3	ACETYLENE	51	245	3.01	0.0	
4	PROPANE	66	706	8.68	0.3	
5	PROPYLENE	79	215	2.64	0.0	
6	ISOBUTANE	109	218	2.67	0.0	
7	N-BUTANE	125	660	8.11	0.2	
8	ISOPENTANE	236	1110	13.65	0.4	
9	N-PENTANE	268	516	6.34	0.2	
10	HEXANES	536	1191	14.64	0.5	

READY

METHANE - 1.68 PPM

*

SAMPLE DATE	09/25/73	GC CHANNEL	1
SAMPLE ID	A3,GC-660, 1220 HRS.	REF. PEAK TIME	125
SAMPLE NAME	SMOG#3,BAG 1, 760'	PK NO BIG AREA	10
		PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7043	11.36	3.6	
2	ETHYLENE	45	4721	7.61	2.4	
3	ACETYLENE	51	3986	6.43	2.0	
4	PROPANE	66	9653	15.57	5.0	
5	PROPYLENE	79	1210	1.95	0.6	
6	ISOBUTANE	109	3992	6.43	2.1	
7	N-BUTANE	125	8261	13.33	4.2	
8	1-BUTENE	167	67	0.10	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	134	0.21	0.0	
10	ISOPENTANE	236	9824	15.85	5.1	
11	N-PENTANE	268	4115	6.63	2.1	
12	CYCLOPENTANE	298	235	0.37	0.0	
13	1-PENTENE	345	87	0.14	0.0	
14	HEXANES	536	8644	13.94	4.5	

READY

METHANE - 2.01 PPM

SAMPLE DATE 09/25/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1228 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 2, 720' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7390	10.47	3.8	
2	ETHYLENE	45	6763	9.58	3.5	
3	ACETYLENE	51	4086	5.79	2.1	
4	PROPANE	66	10809	15.32	5.7	
5	PROPYLENE	79	1164	1.64	0.5	
6	ISOBUTANE	109	4463	6.32	2.3	
7	N-BUTANE	125	9087	12.88	4.7	
8	1-BUTENE	167	101	0.14	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	370	0.52	0.1	
10	ISOPENTANE	236	10428	14.78	5.4	
11	N-PENTANE	268	4063	5.75	2.1	
12	CYCLOPENTANE	298	252	0.35	0.0	
13	HEXANES	536	11554	16.37	6.0	

READY

METHANE - 1.97 PPM

*

SAMPLE DATE	09/25/73	GC CHANNEL	1
SAMPLE ID	A3,GC-660, 1246 HRS.	REF. PEAK TIME	125
SAMPLE NAME	SMOG#3,BAG 3, 700'	PK NO BIG AREA	4
		PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	7967	11.52	4.1	
2	ETHYLENE	45	3710	5.36	1.9	
3	ACETYLENE	51	3436	4.97	1.7	
4	PROPANE	66	12211	17.67	6.4	
5	PROPYLENE	79	1534	2.21	0.7	
6	ISOBUTANE	109	5503	7.96	2.8	
7	N-BUTANE	125	9977	14.44	5.2	
8	1-BUTENE	167	97	0.14	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	124	0.17	0.0	
10	ISOPENTANE	236	10261	14.84	5.3	
11	N-PENTANE	268	4407	6.37	2.2	
12	CYCLOPENTANE	298	433	0.62	0.1	
13	HEXANES	536	9425	13.64	4.9	

READY

METHANE - 1.90 PPM

*

SAMPLE DATE 09/25/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1253 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 4, 420' PK NO BIG AREA 4

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8267	10.76	4.2	
2	ETHYLENE	45	3834	4.98	1.9	
3	ACETYLENE	51	4381	5.70	2.2	
4	PROPANE	66	12599	16.40	6.6	
5	PROPYLENE	79	1327	1.72	0.6	
6	ISOBUTANE	109	5312	6.91	2.7	
7	N-BUTANE	125	10322	13.43	5.3	
8	1-BUTENE	167	432	0.56	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	83	0.10	0.0	
10	ISOPENTANE	236	12278	15.98	6.4	
11	N-PENTANE	268	5230	6.80	2.7	
12	CYCLOPENTANE	298	307	0.39	0.1	
13	HEXANES	536	12443	16.19	6.5	

READY

METHANE - 1.92 PPM

*

SAMPLE DATE 09/25/73

SAMPLE ID A3,GC-660, ???? HRS.

SAMPLE NAME SMOG#3,BAG 5

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 4

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8509	11.32	4.4	
2	ETHYLENE	45	3989	5.31	2.0	
3	ACETYLENE	51	4196	5.58	2.1	
4	PROPANE	66	12688	16.89	6.6	
5	PROPYLENE	79	1108	1.47	0.5	
6	ISOBUTANE	109	5305	7.06	2.7	
7	N-BUTANE	125	10183	13.55	5.3	
8	1-BUTENE	167	71	0.09	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	441	0.58	0.1	
10	ISOPENTANE	236	11743	15.63	6.1	
11	N-PENTANE	268	6717	8.94	3.5	
12	CYCLOPENTANE	298	853	1.13	0.3	
13	HEXANES	536	9295	12.37	4.8	

READY

METHANE - 1.99 PPM

*

SAMPLE DATE 09/25/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1507 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 6, 2500' PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3663	9.63	1.8	
2	ETHYLENE	45	10173	26.76	5.3	
3	ACETYLENE	51	3189	8.38	1.6	
4	PROPANE	66	3724	9.79	1.9	
5	PROPYLENE	79	511	1.34	0.2	
6	ISOBUTANE	109	1663	4.37	0.8	
7	N-BUTANE	125	3080	8.10	1.5	
8	ISOPENTANE	236	4569	12.02	2.3	
9	N-PENTANE	268	2356	6.19	1.1	
10	CYCLOPENTANE	298	66	0.17	0.0	
11	HEXANES	536	5011	13.18	2.5	

READY

METHANE - 1.90 PPM

*

SAMPLE DATE 09/25/73

SAMPLE ID A3, GC-660, 1518 HRS.

SAMPLE NAME SMOG#3, BAG 7, 3500'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	2844	12.11	1.4	
2	ETHYLENE	45	4096	17.44	2.1	
3	ACETYLENE	51	2056	8.75	1.0	
4	PROPANE	.66	2923	12.45	1.4	
5	PROPYLENE	79	256	1.08	0.0	
6	ISOBUTANE	109	1259	5.36	0.6	
7	N-BUTANE	125	2266	9.65	1.1	
8	ISOPENTANE	236	2991	12.74	1.5	
9	N-PENTANE	268	1088	4.63	0.5	
10	HEXANES	536	3696	15.74	1.8	

READY

METHANE - 1.84 PPM

SAMPLE DATE 09/25/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1529 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 8, 4500' PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	963	18.51	0.4	
2	ETHYLENE	45	1014	19.49	0.4	
3	ACETYLENE	51	377	7.24	0.1	
4	PROPANE	66	623	11.97	0.3	
5	PROPYLENE	79	173	3.32	0.0	
6	ISOBUTANE	109	142	2.72	0.0	
7	N-BUTANE	125	425	8.16	0.1	
8	1-BUTENE	167	93	1.78	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	72	1.38	0.0	
10	ISOPENTANE	236	537	10.32	0.2	
11	N-PENTANE	268	112	2.15	0.0	
12	HEXANES	536	671	12.89	0.3	

READY

METHANE - 1.78 PPM

*

SAMPLE DATE .09/25/73

SAMPLE ID A3,GC-660, 1538 HRS.

SAMPLE NAME SMOG#3,BAG 9, 5500'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 1

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	2496	16.14	1.2
2	ETHYLENE	45	2376	15.36	1.2
3	ACETYLENE	51	1581	10.22	0.7
4	PROPANE	66	1965	12.70	1.0
5	PROPYLENE	79	177	1.14	0.0
6	ISOBUTANE	109	733	4.73	0.3
7	N-BUTANE	125	1641	10.61	0.8
8	1-BUTENE	167	58	0.37	0.0
9	ISOPENTANE	236	1713	11.07	0.8
10	N-PENTANE	268	568	3.67	0.2
11	HEXANES	536	2154	13.92	1.0

READY

METHANE - 1.92 PPM

SAMPLE DATE 09/25/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1545 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3.BAG 10, 6500' PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	2098	15.06	1.0	
2	ETHYLENE	45	3244	23.30	1.6	
3	ACETYLENE	51	716	5.14	0.3	
4	PROPANE	66	1415	10.16	0.7	
5	PROPYLENE	79	60	0.43	0.0	
6	ISOBUTANE	109	563	4.04	0.2	
7	N-BUTANE	125	1311	9.41	0.6	
8	1-BUTENE	167	174	1.24	0.0	
9	ISOPENTANE	236	1647	11.83	0.8	
10	N-PENTANE	268	496	3.56	0.2	
11	HEXANES	536	2196	15.77	1.0	

READY

METHANE - 1.80 PPM

*

SAMPLE DATE 09/25/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1108 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 1, 1000' PK NO BIG AREA 4

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10106	11.45	4.6	
2	ETHYLENE	45	4195	4.75	1.9	
3	ACETYLENE	51	3321	3.76	1.5	
4	PROPANE	66	14933	16.93	6.9	
5	PROPYLENE	79	1289	1.45	0.5	
6	ISOBUTANE	109	6700	7.59	3.1	
7	N-BUTANE	125	12016	13.62	5.6	
8	1-BUTENE	167	230	0.25	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	333	0.37	0.1	
10	ISOPENTANE	236	13236	15.00	6.1	
11	N-PENTANE	268	7654	8.67	3.5	
12	CYCLOPENTANE	298	748	0.84	0.3	
13	HEXANES	536	13425	15.22	6.2	

READY

METHANE - 1.99 PPM

SAMPLE DATE 09/25/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1122 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 2, 500' — PK NO BIG AREA 4

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	3900	13.89	1.7	
2	ETHYLENE	45	4264	15.19	1.9	
3	ACETYLENE	51	918	3.26	0.3	
4	PROPANE	66	4758	16.94	2.1	
5	PROPYLENE	79	369	1.31	0.1	
6	ISOBUTANE	109	1867	6.64	0.8	
7	N-BUTANE	125	3632	12.93	1.6	
8	ISOPENTANE	236	3835	13.66	1.7	
9	N-PENTANE	268	2029	7.22	0.9	
10	HEXANES	536	2496	8.88	1.1	

READY

METHANE -1.83*PPM

*

SAMPLE DATE 09/25/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1538 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 9, 5500' PK NO BIG AREA 1

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	2496	16.14	1.2	
2	ETHYLENE	45	2376	15.36	1.2	
3	ACETYLENE	51	1581	10.22	0.7	
4	PROPANE	66	1965	12.70	1.0	
5	PROPYLENE	79	177	1.14	0.0	
6	ISOBUTANE	109	733	4.73	0.3	
7	N-BUTANE	125	1641	10.61	0.8	
8	1-BUTENE	167	58	0.37	0.0	
9	ISOPENTANE	236	1713	11.07	0.8	
10	N-PENTANE	268	568	3.67	0.2	
11	HEXANES	536	2154	13.92	1.0	

READY

METHANE - 1.92 PPM

*

SAMPLE DATE 09/25/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1132 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4, 2000' PK NO BIG AREA 8

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3399	13.16	1.5	
2	ETHYLENE	45	1933	7.48	0.8	
3	ACETYLENE	51	1391	5.38	0.6	
4	PROPANE	66	3507	13.58	1.6	
5	PROPYLENE	79	80	0.30	0.0	
6	ISOBUTANE	109	3713	14.37	1.7	
7	N-BUTANE	125	3323	12.86	1.5	
8	ISOPENTANE	236	4382	16.96	2.0	
9	N-PENTANE	268	1363	5.27	0.6	
10	CYCLOPENTANE	298	194	0.75	0.0	
11	HEXANES	536	2538	9.82	1.1	

READY

METHANE - 1.84 PPM

*

SAMPLE DATE 09/25/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1136 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2, BAG 5, 2500' PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	2385	12.53	1.0	
2	ETHYLENE	45	1207	6.34	0.5	
3	ACETYLENE	51	1238	6.50	0.5	
4	PROPANE	66	2168	11.39	1.0	
5	PROPYLENE	79	291	1.52	0.0	
6	ISOBUTANE	109	1031	5.41	0.4	
7	N-BUTANE	125	2314	12.16	1.0	
8	1-BUTENE	167	109	0.57	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	361	1.89	0.1	
10	ISOPENTANE	236	3528	18.55	1.6	
11	N-PENTANE	268	1751	9.20	0.7	
12	HEXANES	536	2633	13.84	1.1	

READY

METHANE - 1.83 PPM

*

SAMPLE DATE .09/25/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1330 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 6, 300' PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	9208	10.51	4.2	
2	ETHYLENE	45	5506	6.28	2.5	
3	ACETYLENE	51	4625	5.28	2.1	
4	PROPANE	66	12409	14.17	5.7	
5	PROPYLENE	79	1036	1.18	0.4	
6	ISOBUTANE	109	5785	6.60	2.6	
7	N-BUTANE	125	12087	13.80	5.6	
8	1-BUTENE	167	228	0.25	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	260	0.29	0.0	
10	ISOPENTANE	236	15829	18.08	7.4	
11	N-PENTANE	268	8424	9.62	3.9	
12	CYCLOPENTANE	298	616	0.70	0.2	
13	HEXANES	536	11521	13.15	5.3	

READY

METHANE - 2.02 PPM

*

SAMPLE DATE 09/25/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1335 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 7, 960' PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7645	9.89	3.5	
2	ETHYLENE	45	6183	8.00	2.8	
3	ACETYLENE	51	3974	5.14	1.7	
4	PROPANE	66	10190	13.18	4.7	
5	PROPYLENE	79	731	0.94	0.3	
6	ISOBUTANE	109	5037	6.51	2.3	
7	N-BUTANE	125	10446	13.51	4.8	
8	1-BUTENE	167	255	0.32	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	1008	1.30	0.4	
10	ISOPENTANE	236	13742	17.78	6.4	
11	N-PENTANE	268	7129	9.22	3.2	
12	CYCLOPENTANE	298	898	1.15	0.3	
13	HEXANES	536	10017	12.96	4.6	

READY

METHANE - 2.01 PPM

*

SAMPLE DATE 09/25/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1334 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 8, 650' PK NO BIG AREA 9

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6522	9.47	3.0	
2	ETHYLENE	45	5952	8.64	2.7	
3	ACETYLENE	51	3288	4.77	1.4	
4	PROPANE	66	10553	15.33	4.9	
5	PROPYLENE	79	521	0.75	0.2	
6	ISOBUTANE	109	4711	6.84	2.1	
7	N-BUTANE	125	9707	14.10	4.5	
8	1-BUTENE	167	450	0.65	0.1	
9	ISOPENTANE	236	13605	19.77	6.3	
10	N-PENTANE	268	7414	10.77	3.4	
11	HEXANES	536	6082	8.83	2.8	

READY

METHANE - 1.93 PPM

*

SAMPLE DATE 09/25/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 1350 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 9, 360' | PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7407	8.88	3.4	
2	ETHYLENE	45	5294	6.34	2.4	
3	ACETYLENE	51	3645	4.37	1.6	
4	PROPANE	66	10186	12.21	4.7	
5	PROPYLENE	79	503	0.60	0.2	
6	ISOBUTANE	109	4548	5.45	2.1	
7	N-BUTANE	125	10211	12.24	4.7	
8	1-BUTENE	167	488	0.58	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	438	0.52	0.1	
10	ISOPENTANE	236	14265	17.10	6.6	
11	N-PENTANE	268	7597	9.10	3.5	
12	CYCLOPENTANE	298	469	0.56	0.1	
13	HEXANES	536	18322	21.97	8.5	

READY

METHANE - 1.95 PPM

*

SAMPLE DATE 09/25/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, ???? HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 10 — PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8057	9.40	3.7	
2	ETHYLENE	45	7943	9.27	3.6	
3	ACETYLENE	51	5352	6.24	2.5	
4	PROPANE	66	5164	6.02	2.4	
5	PROPYLENE	79	1250	1.45	0.5	
6	ISOBUTANE	109	5637	6.57	2.5	
7	N-BUTANE	125	11479	13.40	5.3	
8	1-BUTENE	167	169	0.19	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	194	0.22	0.0	
10	ISOPENTANE	236	15371	17.94	7.1	
11	N-PENTANE	268	7890	9.21	3.6	
12	HEXANES	536	17150	20.01	8.0	

READY

METHANE - 1.95 PPM

*

SAMPLE DATE 09/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1018 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2, BAG 1, 775' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	2316	7.01	1.0	
2	ETHYLENE	45	1630	4.93	0.7	
3	ACETYLENE	51	1760	5.33	0.7	
4	PROPANE	66	2479	7.51	1.0	
5	PROPYLENE	79	1016	3.07	0.3	
6	ISOBUTANE	109	1313	3.97	0.5	
7	N-BUTANE	125	3883	11.76	1.7	
8	1-BUTENE	167	460	1.39	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	104	0.31	0.0	
10	ISOPENTANE	236	5547	16.81	2.5	
11	N-PENTANE	268	2695	8.16	1.1	
12	CYCLOPENTANE	298	335	1.01	0.0	
13	HEXANES	536	9453	28.65	4.2	

READY

METHANE - 1.92 PPM

*

SAMPLE DATE 09/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1025 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 2, 600' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6972	7.52	3.1	
2	ETHYLENE	45	6456	6.97	2.8	
3	ACETYLENE	51	6057	6.53	2.7	
4	PROPANE	66	5857	6.32	2.6	
5	PROPYLENE	79	2098	2.26	0.9	
6	ISOBUTANE	109	3428	3.70	1.4	
7	N-BUTANE	125	11746	12.68	5.3	
8	1-BUTENE	167	569	0.61	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	975	1.05	0.3	
10	ISOPENTANE	236	18577	20.06	8.4	
11	N-PENTANE	268	8618	9.30	3.9	
12	CYCLOPENTANE	298	183	0.19	0.0	
13	HEXANES	536	21042	22.72	9.5	

READY

METHANE - 2.12 PPM

*

SAMPLE DATE 09/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1032 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 3, 350' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9476	6.65	4.2	
2	ETHYLENE	45	9768	6.86	4.3	
3	ACETYLENE	51	9603	6.74	4.2	
4	PROPANE	66	7729	5.43	3.4	
5	PROPYLENE	79	2963	2.08	1.3	
6	ISOBUTANE	109	5484	3.85	2.4	
7	N-BUTANE	125	19040	13.38	8.5	
8	1-BUTENE	167	433	0.30	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	1282	0.90	0.5	
10	ISOPENTANE	236	28057	19.71	12.7	
11	N-PENTANE	268	11716	8.23	5.3	
12	CYCLOPENTANE	298	1467	1.02	0.6	
13	HEXANES	536	35261	24.78	16.0	

READY

METHANE - 2.18 PPM

*

SAMPLE DATE 09/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1040 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4, 300' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10380	5.90	4.6	
2	ETHYLENE	45	10088	5.73	4.5	
3	ACETYLENE	51	9208	5.23	4.1	
4	PROPANE	66	10487	5.96	4.7	
5	PROPYLENE	79	3208	1.82	1.4	
6	ISOBUTANE	109	11551	6.57	5.2	
7	N-BUTANE	125	28438	16.17	12.8	
8	1-BUTENE	167	827	0.46	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1266	0.71	0.5	
10	ISOPENTANE	236	33311	18.94	15.0	
11	N-PENTANE	268	14346	8.16	6.4	
12	CYCLOPENTANE	298	2218	1.26	0.9	
13	HEXANES	536	40471	23.01	18.3	

READY

METHANE - 2.16 PPM

SAMPLE DATE 09/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1048 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 5, 500' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10348	6.78	4.6	
2	ETHYLENE	45	9490	6.22	4.2	
3	ACETYLENE	51	7839	5.13	3.5	
4	PROPANE	66	8613	5.64	3.9	
5	PROPYLENE	79	3141	2.05	1.4	
6	ISOBUTANE	109	7884	5.16	3.5	
7	N-BUTANE	125	20505	13.44	9.2	
8	1-BUTENE	167	988	0.64	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1385	0.90	0.6	
10	ISOPENTANE	236	29951	19.63	13.5	
11	N-PENTANE	268	13032	8.54	5.8	
12	CYCLOPENTANE	298	2682	1.75	1.1	
13	HEXANES	536	36644	24.02	16.6	

READY

METHANE - 2.17 PPM

*

SAMPLE DATE 09/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1350 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 6, 850' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10618	7.91	4.7	
2	ETHYLENE	45	9117	6.79	4.1	
3	ACETYLENE	51	8398	6.25	3.7	
4	PROPANE	66	16370	12.19	7.4	
5	PROPYLENE	79	3242	2.41	1.4	
6	ISOBUTANE	109	5193	3.86	2.3	
7	N-BUTANE	125	14432	10.75	6.4	
8	1-BUTENE	167	794	0.58	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	2716	2.02	1.1	
10	ISOPENTANE	236	20169	15.02	9.1	
11	N-PENTANE	268	9565	7.12	4.2	
12	CYCLOPENTANE	298	206	0.15	0.0	
13	HEXANES	536	33366	24.86	15.1	

READY

METHANE - 2.23 PPM

*

SAMPLE DATE 09/27/73

SAMPLE ID A3,GC-202, 1556 HRS.

SAMPLE NAME SMOG#2,BAG 7, 700'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3555	6.18	1.5	
2	ETHYLENE	45	3268	5.68	1.4	
3	ACETYLENE	51	3019	5.24	1.3	
4	PROPANE	66	5439	9.45	2.4	
5	PROPYLENE	79	487	0.84	0.1	
6	ISOBUTANE	109	3222	5.60	1.4	
7	N-BUTANE	125	8795	15.29	3.9	
8	ISOBUTYLENE + T-2-BUTENE	196	221	0.38	0.0	
9	ISOPENTANE	236	11554	20.09	5.2	
10	N-PENTANE	268	5233	9.10	2.3	
11	CYCLOPENTANE	298	190	0.32	0.0	
12	HEXANES	536	12512	21.75	5.6	

READY

--

METHANE -1.98 PPM

*

SAMPLE DATE 09/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1405 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 8, 475' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5506	7.17	2.5	
2	ETHYLENE	45	3692	4.81	1.6	
3	ACETYLENE	51	3004	3.91	1.3	
4	PROPANE	66	6819	8.88	3.0	
5	PROPYLENE	79	1166	1.51	0.4	
6	ISOBUTANE	109	4375	5.70	1.9	
7	N-BUTANE	125	11301	14.73	5.0	
8	1-BUTENE	167	203	0.26	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	149	0.19	0.0	
10	ISOPENTANE	236	13251	17.27	6.0	
11	N-PENTANE	268	5964	7.77	2.6	
12	CYCLOPENTANE	298	820	1.06	0.3	
13	HEXANES	536	20443	26.65	9.2	

READY

METHANE - 1.94 PPM

SAMPLE DATE 09/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1412 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 9, 275' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	4298	5.36	1.9	
2	ETHYLENE	45	3669	4.58	1.6	
3	ACETYLENE	51	4077	5.09	1.7	
4	PROPANE	66	6190	7.72	2.8	
5	PROPYLENE	79	736	0.91	0.3	
6	ISOBUTANE	109	4591	5.73	2.0	
7	N-BUTANE	125	12295	15.35	5.5	
8	1-BUTENE	167	126	0.15	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	372	0.46	0.1	
10	ISOPENTANE	236	15284	19.08	6.8	
11	N-PENTANE	268	7087	8.84	3.2	
12	CYCLOPENTANE	298	1020	1.27	0.3	
13	HEXANES	536	20347	25.40	9.2	

READY

METHANE - 1.99 PPM

#

SAMPLE DATE 09/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1421 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 10, 475' PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6978	9.35	3.1	
2	ETHYLENE	45	4763	6.38	2.1	
3	ACETYLENE	51	3435	4.60	1.4	
4	PROPANE	66	9492	12.72	4.2	
5	PROPYLENE	79	887	1.18	0.3	
6	ISOBUTANE	109	4886	6.55	2.1	
7	N-BUTANE	125	12748	17.09	5.7	
8	1-BUTENE	167	280	0.37	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	226	0.30	0.0	
10	ISOPENTANE	236	14127	18.94	6.4	
11	N-PENTANE	268	6370	8.54	2.8	
12	HEXANES	536	10367	13.90	4.6	

READY

METHANE - 1.99 PPM

*

SAMPLE DATE 09/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1209 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3, BAG 1, 1000' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	6856	8.93	3.5	
2	ETHYLENE	45	9473	12.34	4.8	
3	ACETYLENE	51	5678	7.39	2.8	
4	PROPANE	66	7938	10.34	4.0	
5	PROPYLENE	79	1916	2.49	0.9	
6	ISOBUTANE	109	4772	6.21	2.4	
7	N-BUTANE	125	10983	14.30	5.6	
8	1-BUTENE	167	293	0.38	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	874	1.13	0.3	
10	ISOPENTANE	236	11061	14.41	5.6	
11	N-PENTANE	268	4749	6.18	2.4	
12	CYCLOPENTANE	298	231	0.29	0.0	
13	HEXANES	536	11920	15.53	6.0	

READY

METHANE - 2.02 PPM

*

SAMPLE DATE 09/27/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660,1217 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 2, 700' — PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7228	8.95	3.6	
2	ETHYLENE	45	13028	16.13	6.6	
3	ACETYLENE	51	6170	7.64	3.1	
4	PROPANE	66	8905	11.02	4.5	
5	PROPYLENE	79	1801	2.23	0.8	
6	ISOBUTANE	109	4644	5.74	2.3	
7	N-BUTANE	125	9984	12.36	5.0	
8	1-BUTENE	167	135	0.16	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	94	0.11	0.0	
10	ISOPENTANE	236	10964	13.58	5.6	
11	N-PENTANE	268	5019	6.21	2.5	
12	CYCLOPENTANE	298	506	0.62	0.2	
13	HEXANES	536	12254	15.17	6.2	

READY

METHANE - 2.00 PPM

*

SAMPLE DATE 09/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1230 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3, BAG 3, 500' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7665	7.73	3.9	
2	ETHYLENE	45	9989	10.07	5.0	
3	ACETYLENE	51	6530	6.58	3.2	
4	PROPANE	66	11032	11.12	5.6	
5	PROPYLENE	79	2470	2.49	1.2	
6	ISOBUTANE	109	6943	7.00	3.5	
7	N-BUTANE	125	12639	12.75	6.4	
8	1-BUTENE	167	347	0.34	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	1026	1.03	0.4	
10	ISOPENTANE	236	12845	12.96	6.5	
11	N-PENTANE	268	5050	5.09	2.5	
12	CYCLOPENTANE	298	480	0.48	0.2	
13	HEXANES	536	22085	22.28	11.3	

READY

METHANE - 1.96 PPM

*

SAMPLE DATE 09/27/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1238 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3, BAG 4, 350' — PK NO BIG AREA 7

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7363	8.76	3.7	
2	ETHYLENE	45	7361	8.76	3.7	
3	ACETYLENE	51	5303	6.31	2.6	
4	PROPANE	66	10337	12.31	5.3	
5	PROPYLENE	79	2686	3.19	1.3	
6	ISOBUTANE	109	7055	8.40	3.5	
7	N-BUTANE	125	13252	15.78	6.7	
8	1-BUTENE	167	247	0.29	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	322	0.38	0.1	
10	ISOPENTANE	236	13144	15.65	6.7	
11	N-PENTANE	268	4799	5.71	2.4	
12	CYCLOPENTANE	298	249	0.29	0.0	
13	HEXANES	536	11834	14.09	6.0	

READY

METHANE - 2.01 PPM

*

SAMPLE DATE	09/27/73
SAMPLE ID	A3,GC-660, 1246 HRS.
SAMPLE NAME	SMOG#3,BAG 5, 500'

GC CHANNEL	1
REF. PEAK TIME	125
PK NO BIG AREA	4
PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10176	9.71	5.1	
2	ETHYLENE	45	14005	13.36	7.1	
3	ACETYLENE	51	5653	5.39	2.8	
4	PROPANE	66	18174	17.34	9.2	
5	PROPYLENE	79	2191	2.09	1.0	
6	ISOBUTANE	109	9086	8.67	4.6	
7	N-BUTANE	125	16171	15.43	8.2	
8	1-BUTENE	167	112	0.10	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	383	0.36	0.1	
10	ISOPENTANE	236	11888	11.34	6.0	
11	N-PENTANE	268	5697	5.43	2.8	
12	CYCLOPENTANE	298	400	0.38	0.1	
13	HEXANES	536	10804	10.31	5.5	

READY

METHANE - 2.08 PPM

*

SAMPLE DATE 09/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1439 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 6, 1000' PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5425	8.22	2.7	
2	ETHYLENE	45	5052	7.65	2.5	
3	ACETYLENE	51	5347	8.10	2.7	
4	PROPANE	66	7369	11.17	3.7	
5	PROPYLENE	79	1359	2.05	0.6	
6	ISOBUTANE	109	2813	4.26	1.4	
7	N-BUTANE	125	7828	11.87	3.9	
8	1-BUTENE	167	191	0.28	0.0	
9	ISOPENTANE	236	11266	17.08	5.7	
10	N-PENTANE	268	4709	7.14	2.3	
11	CYCLOPENTANE	298	388	0.58	0.1	
12	HEXANES	536	14181	21.50	7.2	

READY

METHANE - 2.05 PPM

*

SAMPLE DATE 09/27/73

SAMPLE ID A3,GC-660, 1455 HRS.

SAMPLE NAME SMOG#3,BAG 7, 2000'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	4811	8.43	2.4	
2	ETHYLENE	45	3070	5.38	1.5	
3	ACETYLENE	51	3434	6.02	1.7	
4	PROPANE	66	6284	11.01	3.2	
5	PROPYLENE	79	722	1.26	0.3	
6	ISOBUTANE	109	3861	6.77	1.9	
7	N-BUTANE	125	7997	14.02	4.0	
8	1-BUTENE	167	86	0.14	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	230	0.40	0.0	
10	ISOPENTANE	236	10880	19.08	5.5	
11	N-PENTANE	268	4295	7.53	2.1	
12	CYCLOPENTANE	298	191	0.33	0.0	
13	HEXANES	536	11154	19.56	5.7	

READY

METHANE - 2.00 PPM

*

SAMPLE DATE 09/27/73 | GC CHANNEL 1

SAMPLE ID A3,GC-660, 1501 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 8, 3000' | PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5638	9.57	2.8	
2	ETHYLENE	45	3821	6.48	1.9	
3	ACETYLENE	51	3411	5.78	1.7	
4	PROPANE	66	7265	12.33	3.6	
5	PROPYLENE	79	833	1.41	0.3	
6	ISOBUTANE	109	4329	7.34	2.1	
7	N-BUTANE	125	8336	14.14	4.2	
8	1-BUTENE	167	67	0.11	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	610	1.03	0.3	
10	ISOPENTANE	236	11070	18.78	5.6	
11	N-PENTANE	268	4177	7.08	2.1	
12	CYCLOPENTANE	298	47	0.07	0.0	
13	HEXANES	536	9307	15.79	4.7	

READY

METHANE - 1.97 PPM

SAMPLE DATE 09/27/73

SAMPLE ID A3,GC-660, 1507 HRS.

SAMPLE NAME SMOG#3,BAG 9, 4000'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4312	9.16	2.1	
2	ETHYLENE	45	2356	5.00	1.1	
3	ACETYLENE	51	3277	6.96	1.6	
4	PROPANE	66	4726	10.04	2.4	
5	PROPYLENE	79	586	1.24	0.2	
6	ISOBUTANE	109	2940	6.24	1.4	
7	N-BUTANE	125	6861	14.58	3.5	
8	1-BUTENE	167	239	0.50	0.0	
9	ISOPENTANE	236	8879	18.86	4.5	
10	N-PENTANE	268	3359	7.13	1.7	
11	HEXANES	536	9516	20.22	4.8	

READY

METHANE - 1.93 PPM

*

SAMPLE DATE 09/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1513 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 10, 5000' PK NO BIG AREA 9

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3886	9.78	1.9	
2	ETHYLENE	45	2121	5.33	1.0	
3	ACETYLENE	51	2969	7.47	1.4	
4	PROPANE	66	3914	9.85	1.9	
5	PROPYLENE	79	596	1.49	0.2	
6	ISOBUTANE	109	2157	5.42	1.0	
7	N-BUTANE	125	5834	14.68	2.9	
8	ISOBUTYLENE + T-2-BUTENE	196	651	1.63	0.3	
9	ISOPENTANE	236	7722	19.43	3.9	
10	N-PENTANE	268	2986	7.51	1.4	
11	CYCLOPENTANE	298	133	0.33	0.0	
12	HEXANES	536	6759	17.01	3.4	

READY

METHANE - 1.93 PPM

*

SAMPLE DATE 09/28/73

SAMPLE ID A3,GC-202, 0946 HRS.

SAMPLE NAME SMOG#2,BAG 1, 900'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5293	12.70	2.3	
2	ETHYLENE	45	1061	2.54	0.4	
3	ACETYLENE	51	2451	5.88	1.0	
4	PROPANE	66	7953	19.08	3.5	
5	PROPYLENE	79	783	1.87	0.3	
6	ISOBUTANE	109	2059	4.94	0.8	
7	N-BUTANE	125	5283	12.67	2.3	
8	ISOPENTANE	236	4903	11.76	2.1	
9	N-PENTANE	268	2133	5.11	0.9	
10	HEXANES	536	9750	23.39	4.3	

READY

METHANE - 1.84 PPM

*

SAMPLE DATE 09/28/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0950 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 2, 700' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11927	8.25	5.3	
2	ETHYLENE	45	9703	6.71	4.3	
3	ACETYLENE	51	8961	6.20	4.0	
4	PROPANE	66	9611	6.64	4.2	
5	PROPYLENE	79	2788	1.92	1.2	
6	ISOBUTANE	109	5152	3.56	2.2	
7	N-BUTANE	125	16559	11.45	7.5	
8	1-BUTENE	167	486	0.33	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	942	0.65	0.3	
10	ISOPENTANE	236	26443	18.29	11.9	
11	N-PENTANE	268	11036	7.63	5.0	
12	CYCLOPENTANE	298	1132	0.78	0.4	
13	HEXANES	536	39748	27.50	18.0	

READY

METHANE - 2.16 PPM

*

SAMPLE DATE 09/28/73

SAMPLE ID A3,GC-202, 0958 HRS.

SAMPLE NAME SMOG#2,BAG 3, 520'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	FHMC VOL.%
1	ETHANE	40	17595	8.53	7.9
2	ETHYLENE	45	15452	7.49	6.9
3	ACETYLENE	51	18724	9.08	8.4
4	PROPANE	66	15851	7.69	7.1
5	PROPYLENE	79	5280	2.56	2.3
6	ISOBUTANE	109	7748	3.75	3.5
7	N-BUTANE	125	25211	12.23	11.4
8	1-BUTENE	167	1101	0.53	0.4
9	ISOBUTYLENE + T-2-BUTENE	196	1739	0.84	0.7
10	ISOPENTANE	236	39485	19.16	17.8
11	N-PENTANE	268	16877	8.19	7.6
12	CYCLOPENTANE	298	2208	1.07	0.9
13	HEXANES	536	38765	18.81	17.5

READY

METHANE - 2.29 PPM

*

SAMPLE DATE 09/28/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1003 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4, 350' — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	16251	6.14	7.3	
2	ETHYLENE	45	19249	7.28	8.7	
3	ACETYLENE	51	17600	6.65	7.9	
4	PROPANE	66	12977	4.91	5.8	
5	PROPYLENE	79	5145	1.94	2.2	
6	ISOBUTANE	109	8563	3.23	3.8	
7	N-BUTANE	125	28416	10.75	12.8	
8	1-BUTENE	167	1149	0.43	0.4	
9	ISOBUTYLENE + T-2-BUTENE	196	2058	0.77	0.8	
10	ISOPENTANE	236	53166	20.12	24.1	
11	N-PENTANE	268	20749	7.85	9.3	
12	CYCLOPENTANE	298	3189	1.20	1.4	
13	HEXANES	536	75703	28.64	34.3	

READY

METHANE - 2.38 PPM

*

SAMPLE DATE	09/28/73	GC CHANNEL	1
SAMPLE ID	A3,GC-202, 1010 HRS.	REF. PEAK TIME	125
SAMPLE NAME	SMOG#2,BAG 5, 500'	PK NO BIG AREA	13
		PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	13412	7.43	6.0	
2	ETHYLENE	45	14120	7.82	6.4	
3	ACETYLENE	51	13886	7.69	6.2	
4	PROPANE	66	12213	6.76	5.5	
5	PROPYLENE	79	4045	2.23	1.7	
6	ISOBUTANE	109	6482	3.59	2.8	
7	N-BUTANE	125	21546	11.93	9.7	
8	1-BUTENE	167	1171	0.64	0.4	
9	ISOBUTYLENE + T-2-BUTENE	196	1491	0.82	0.6	
10	ISOPENTANE	236	35068	19.43	15.9	
11	N-PENTANE	268	14773	8.18	6.6	
12	CYCLOPENTANE	298	1991	1.10	0.8	
13	HEXANES	536	40238	22.29	18.2	

READY

METHANE - 2.23 PPM

SAMPLE DATE 09/28/73

SAMPLE ID A3,GC-660, 1037 HRS.

SAMPLE NAME SMOG#3,BAG 1, 1000'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6082	10.03	3.1	
2	ETHYLENE	45	4012	6.61	2.0	
3	ACETYLENE	51	4904	8.08	2.5	
4	PROPANE	66	6597	10.88	3.3	
5	PROPYLENE	79	1576	2.59	0.7	
6	ISOBUTANE	109	2595	4.27	1.3	
7	N-BUTANE	125	7847	12.94	3.9	
8	1-BUTENE	167	140	0.22	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	373	0.61	0.1	
10	ISOPENTANE	236	9865	16.27	5.0	
11	N-PENTANE	268	3723	6.14	1.8	
12	CYCLOPENTANE	298	305	0.50	0.1	
13	HEXANES	536	12599	20.78	6.4	

READY

METHANE - 1.95 PPM

*

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 1

PK NO REF PEAK 7

SAMPLE DATE 09/28/73

SAMPLE ID A3,GC-660, 1047 HRS.

SAMPLE NAME SMOG#3,BAG 2, 2000'

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	1312	15.71	0.6	
2	ETHYLENE	45	685	8.20	0.3	
3	ACETYLENE	51	1212	14.51	0.5	
4	PROPANE	66	905	10.83	0.3	
5	PROPYLENE	79	874	10.46	0.3	
6	ISOBUTANE	109	323	3.86	0.1	
7	N-BUTANE	125	998	11.95	0.4	
8	ISOBUTYLENE + T-2-BUTENE	196	37	0.44	0.0	
9	ISOPENTANE	236	1223	14.64	0.6	
10	N-PENTANE	268	444	5.31	0.1	
11	HEXANES	536	337	4.03	0.1	

READY

METHANE - 1.69 PPM

SAMPLE DATE 09/28/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1056 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 3, 3000' PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	1173	16.68	0.5	
2	ETHYLENE	45	536	7.62	0.2	
3	ACETYLENE	51	771	10.96	0.3	
4	PROPANE	66	894	12.71	0.3	
5	PROPYLENE	79	265	3.76	0.0	
6	ISOBUTANE	109	180	2.55	0.0	
7	N-BUTANE	125	785	11.16	0.3	
8	ISOPENTANE	236	660	9.38	0.3	
9	N-PENTANE	268	115	1.63	0.0	
10	HEXANES	536	1652	23.49	0.7	

READY

METHANE - 1.72 PPM

*

SAMPLE DATE 09/28/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1101 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 4, 4000' PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	965	15.20	0.4	
2	ETHYLENE	45	1282	20.20	0.6	
3	ACETYLENE	51	539	8.49	0.2	
4	PROPANE	66	681	10.72	0.3	
5	PROPYLENE	79	325	5.12	0.1	
6	ISOBUTANE	109	259	4.08	0.0	
7	N-BUTANE	125	771	12.14	0.3	
8	ISOBUTYLENE + T-2-BUTENE	196	43	0.67	0.0	
9	ISOPENTANE	236	793	12.49	0.3	
10	N-PENTANE	268	173	2.72	0.0	
11	HEXANES	536	514	8.09	0.2	

READY

METHANE - 1.74 PPM

SAMPLE DATE 09/28/73 | GC CHANNEL 1

SAMPLE ID A3,GC-660, 1106 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 5, 5000' | PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	1243	16.41	0.6	
2	ETHYLENE	45	346	4.56	0.1	
3	ACETYLENE	51	759	10.02	0.3	
4	PROPANE	66	913	12.06	0.4	
5	PROPYLENE	79	182	2.40	0.0	
6	ISOBUTANE	109	256	3.38	0.0	
7	N-BUTANE	125	1092	14.42	0.5	
8	ISOPENTANE	236	835	11.02	0.3	
9	N-PENTANE	268	267	3.52	0.0	
10	HEXANES	536	1677	22.15	0.8	

READY

METHANE - 1.75 PPM

*

SAMPLE DATE 09/28/73 | GC CHANNEL 1

SAMPLE ID A3,GC-660,0941-0946 | REF. PEAK TIME 125

SAMPLE NAME ARB VAN, INGLEWOOD | PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	18892	5.45	9.6	
2	ETHYLENE	45	21243	6.14	10.8	
3	ACETYLENE	51	28323	8.18	14.5	
4	PROPANE	66	26769	7.73	13.7	
5	PROPYLENE	79	8486	2.45	4.2	
6	PROPADIENE	93	551	0.15	0.2	
7	ISOBUTANE	109	20043	5.79	10.2	
8	N-BUTANE	125	39548	11.43	20.3	
9	1-BUTENE	167	2084	0.60	1.0	
10	ISOBUTYLENE + T-2-BUTENE	196	3733	1.07	1.8	
11	ISOPENTANE	236	74933	21.66	38.5	
12	N-PENTANE	268	28585	8.26	14.6	
13	CYCLOPENTANE	298	1166	0.33	0.5	
14	1-PENTENE	345	1794	0.51	0.8	
15	HEXANES	536	69699	20.15	35.7	

READY

METHANE - 2.41 PPM

*

SAMPLE DATE 09/28/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 0958 HRS. — REF. PEAK TIME 125

SAMPLE NAME VAN, INGLEWOOD — PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	17159	3.43	7.7	
2	ETHYLENE	45	28687	5.73	12.9	
3	ACETYLENE	51	25238	5.04	11.4	
4	PROPANE	66	16867	3.37	7.6	
5	PROPYLENE	79	9567	1.91	4.2	
6	PROPADIENE	93	287	0.05	0.0	
7	ISOBUTANE	109	18460	3.68	8.3	
8	N-BUTANE	125	59449	11.88	26.9	
9	1-BUTENE	167	3877	0.77	1.7	
10	ISOBUTYLENE + T-2-BUTENE	196	5965	1.19	2.6	
11	ISOPENTANE	236	125885	25.17	57.1	
12	N-PENTANE	268	49551	9.90	22.5	
13	CYCLOPENTANE	298	6302	1.25	2.8	
14	HEXANES	536	132744	26.54	60.3	

READY

METHANE - 2.28 PPM

*

SAMPLE DATE 10/01/73

SAMPLE ID A3,GC-660, 0841 HRS.

SAMPLE NAME ARB VAN, DOWNEY

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7069	8.01	3.6	
2	ETHYLENE	45	5590	6.33	2.8	
3	ACETYLENE	51	5138	5.82	2.6	
4	PROPANE	66	9057	10.27	4.6	
5	PROPYLENE	79	1943	2.20	1.0	
6	PROPADIENE	93	93	0.10	0.0	
7	ISOBUTANE	109	4418	5.01	2.2	
8	N-BUTANE	125	11601	13.15	6.0	
9	1-BUTENE	167	593	0.67	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	1011	1.14	0.4	
11	ISOPENTANE	236	17461	19.80	9.1	
12	N-PENTANE	268	7345	8.32	3.8	
13	CYCLOPENTANE	298	523	0.59	0.2	
14	HEXANES	536	16322	18.51	8.5	

READY

METHANE - 1.86 PPM

*

SAMPLE DATE 10/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0931 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LYNWOOD PK NO BIG AREA 13

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6832	10.30	3.5	
2	ETHYLENE	45	5288	7.97	2.7	
3	ACETYLENE	51	4724	7.12	2.4	
4	PROPANE	66	7593	11.45	3.9	
5	PROPYLENE	79	1824	2.74	0.9	
6	PROPADIENE	93	93	0.13	0.0	
7	ISOBUTANE	109	3247	4.89	1.6	
8	N-BUTANE	125	8139	12.27	4.2	
9	1-BUTENE	167	247	0.37	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	801	1.20	0.3	
11	ISOPENTANE	236	10748	16.21	5.6	
12	N-PENTANE	268	4970	7.49	2.5	
13	HEXANES	536	11772	17.76	6.0	

READY

METHANE - 1.91 PPM

SAMPLE DATE 10/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1030 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, WATTS PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8677	8.05	4.5	
2	ETHYLENE	45	13964	12.96	7.2	
3	ACETYLENE	51	10294	9.56	5.3	
4	PROPANE	66	8429	7.82	4.3	
5	PROPYLENE	79	5809	5.39	2.9	
6	PROPADIENE	93	386	0.35	0.1	
7	ISOBUTANE	109	3626	3.36	1.8	
8	N-BUTANE	125	9629	8.94	5.0	
9	1-BUTENE	167	1468	1.36	0.7	
10	ISOBUTYLENE + T-2-BUTENE	196	3814	3.54	1.9	
11	ISOPENTANE	236	16013	14.87	8.3	
12	N-PENTANE	268	6776	6.29	3.5	
13	CYCLOPENTANE	298	352	0.32	0.1	
14	HEXANES	536	18419	17.10	9.6	

READY

METHANE - 1.97 PPM

*

SAMPLE DATE 10/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1130 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN,BELL GARDENS PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	7505	8.25	3.7
2	ETHYLENE	45	8097	8.90	4.0
3	ACETYLENE	51	6256	6.88	3.1
4	PROPANE	66	8244	9.06	4.1
5	PROPYLENE	79	1762	1.93	0.8
6	ISOBUTANE	109	3930	4.32	1.9
7	N-BUTANE	125	11391	12.53	5.7
8	1-BUTENE	167	218	0.23	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	564	0.61	0.2
10	ISOPENTANE	236	14993	16.49	7.5
11	N-PENTANE	268	7782	8.56	3.9
12	HEXANES	536	20162	22.17	10.1

READY

METHANE - 1.95 PPM

*

SAMPLE DATE 10/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1049 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 1, 680' PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	8541	11.27	4.2
2	ETHYLENE	45	6637	8.76	3.2
3	ACETYLENE	51	4560	6.02	2.2
4	PROPANE	66	8596	11.35	4.2
5	PROPYLENE	79	1272	1.67	0.6
6	ISOBUTANE	109	3699	4.88	1.7
7	N-BUTANE	125	9697	12.80	4.8
8	1-BUTENE	167	397	0.52	0.1
9	ISOBUTYLENE + T-2-BUTENE	196	524	0.68	0.2
10	ISOPENTANE	236	11797	15.57	5.9
11	N-PENTANE	268	6010	7.93	2.9
12	HEXANES	536	13983	18.46	7.0

READY

METHANE - 1.96 PPM

*

SAMPLE DATE 10/01/73

SAMPLE ID A3,GC-202, 1057 HRS.

SAMPLE NAME SMOG#2,BAG 2, 320'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6792	8.70	3.3	
2	ETHYLENE	45	6728	8.63	3.3	
3	ACETYLENE	51	4252	5.45	2.1	
4	PROPANE	66	8844	11.34	4.4	
5	PROPYLENE	79	1102	1.41	0.5	
6	ISOBUTANE	109	3840	4.92	1.8	
7	N-BUTANE	125	10123	12.98	5.0	
8	1-BUTENE	167	460	0.58	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	502	0.64	0.2	
10	ISOPENTANE	236	12642	16.21	6.3	
11	N-PENTANE	268	6528	8.37	3.2	
12	CYCLOPENTANE	298	426	0.54	0.1	
13	HEXANES	536	15716	20.15	7.8	

READY

METHANE - 1.95 PPM

*

SAMPLE DATE 10/01/73 GC CHANNEL 1

SAMPLE ID A3.GC-202, 1105 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 3, 600' PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	5947	8.88	2.9
2	ETHYLENE	45	5809	8.67	2.8
3	ACETYLENE	51	3731	5.57	1.8
4	PROPANE	66	6942	10.37	3.4
5	PROPYLENE	79	1003	1.49	0.4
6	ISOBUTANE	109	3476	5.19	1.7
7	N-BUTANE	125	9925	14.82	5.0
8	1-BUTENE	167	116	0.17	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	663	0.98	0.3
10	ISOPENTANE	236	12705	18.98	6.3
11	N-PENTANE	268	6261	9.35	3.1
12	HEXANES	536	10345	15.45	5.1

READY

METHANE - 1.92 PPM

*

SAMPLE DATE 10/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-202,1113 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4, 920' PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3398	6.92	1.6	
2	ETHYLENE	45	3559	7.25	1.7	
3	ACETYLENE	51	3019	6.15	1.4	
4	PROPANE	66	5244	10.69	2.5	
5	PROPYLENE	79	1004	2.04	0.4	
6	ISOBUTANE	109	5219	10.64	2.5	
7	N-BUTANE	125	7022	14.31	3.5	
8	1-BUTENE	167	73	0.14	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	397	0.80	0.1	
10	ISOPENTANE	236	7977	16.26	3.9	
11	N-PENTANE	268	3217	6.55	1.5	
12	HEXANES	536	8907	18.16	4.4	

READY

METHANE - 1.97 PPM

SAMPLE DATE 10/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1124 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 5, 1300' PK NO BIG AREA 8

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	6342	9.39	3.1
2	ETHYLENE	45	6901	10.21	3.4
3	ACETYLENE	51	3858	5.70	1.8
4	PROPANE	66	7303	10.81	3.6
5	PROPYLENE	79	463	0.68	0.1
6	ISOBUTANE	109	3668	5.42	1.7
7	N-BUTANE	125	9940	14.71	5.0
8	ISOPENTANE	236	11902	17.62	5.9
9	N-PENTANE	268	5509	8.15	2.7
10	CYCLOPENTANE	298	160	0.23	0.0
11	HEXANES	536	11490	17.01	5.7

READY

METHANE - 1.87 PPM

*

SAMPLE DATE 10/01/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1300 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 6, 1000' — PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8892	10.78	4.4	
2	ETHYLENE	45	5057	6.13	2.5	
3	ACETYLENE	51	5818	7.05	2.8	
4	PROPANE	66	8742	10.59	4.3	
5	PROPYLENE	79	660	0.79	0.3	
6	ISOBUTANE	109	3913	4.74	1.9	
7	N-BUTANE	125	11080	13.43	5.5	
8	ISOPENTANE	236	13425	16.27	6.7	
9	N-PENTANE	268	6641	8.05	3.2	
10	HEXANES	536	18242	22.11	9.1	

READY

METHANE - 1.94 PPM

*

SAMPLE DATE 10/01/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1350 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 7, 1000' — PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9705	11.55	4.8	
2	ETHYLENE	45	5928	7.05	2.9	
3	ACETYLENE	51	6559	7.80	3.2	
4	PROPANE	66	10170	12.10	5.0	
5	PROPYLENE	79	683	0.81	0.3	
6	ISOBUTANE	109	3950	4.69	1.9	
7	N-BUTANE	125	10407	12.38	5.2	
8	ISOPENTANE	236	12977	15.44	6.4	
9	N-PENTANE	268	5981	7.11	2.9	
10	HEXANES	536	17654	21.01	8.8	

READY

METHANE - 1.91 PPM

*

SAMPLE DATE 10/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1325 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 8, 1450' PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8085	9.82	4.0	
2	ETHYLENE	45	5748	6.98	2.8	
3	ACETYLENE	51	4706	5.71	2.3	
4	PROPANE	66	8570	10.40	4.2	
5	PROPYLENE	79	789	0.95	0.3	
6	ISOBUTANE	109	4731	5.74	2.3	
7	N-BUTANE	125	11759	14.28	5.8	
8	ISOBUTYLENE + T-2-BUTENE	196	246	0.29	0.0	
9	ISOPENTANE	236	13654	16.58	6.8	
10	N-PENTANE	268	6502	7.89	3.2	
11	CYCLOPENTANE	298	469	0.56	0.2	
12	HEXANES	536	17055	20.71	8.5	

READY

METHANE - 1.90 PPM

*

SAMPLE DATE 10/01/73

SAMPLE ID A3,GC-202, 1333 HRS.

SAMPLE NAME SMOG#2,BAG 9, 1000'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	6866	8.45	3.4
2	ETHYLENE	45	6813	8.38	3.3
3	ACETYLENE	51	5385	6.63	2.6
4	PROPANE	66	9452	11.63	4.6
5	PROPYLENE	79	880	1.08	0.3
6	ISOBUTANE	109	4400	5.41	2.1
7	N-BUTANE	125	11373	14.00	5.7
8	ISOBUTYLENE + T-2-BUTENE	196	101	0.12	0.0
9	ISOPENTANE	236	13329	16.41	6.7
10	N-PENTANE	268	6439	7.92	3.2
11	CYCLOPENTANE	293	309	0.37	0.0
12	HEXANES	536	15842	19.50	7.9

READY

METHANE - 1.94 PPM

*

SAMPLE DATE 10/01/73 | GC CHANNEL 1

SAMPLE ID A3, GC-202, 1341 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#2, BAG 10, 1450' | PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5970	7.67	2.9	
2	ETHYLENE	45	5017	6.44	2.5	
3	ACETYLENE	51	5520	7.09	2.7	
4	PROPANE	66	9567	12.29	4.7	
5	PROPYLENE	79	746	0.95	0.3	
6	ISOBUTANE	109	4109	5.27	2.0	
7	N-BUTANE	125	10178	13.07	5.0	
8	ISOBUTYLENE + T-2-BUTENE	196	159	0.20	0.0	
9	ISOPENTANE	236	11471	14.74	5.7	
10	N-PENTANE	268	5215	6.70	2.5	
11	HEXANES	536	19853	25.51	10.0	

READY

METHANE - 2.00 PPM

*

GC CHANNEL 1

SAMPLE DATE 10/01/73

REF. PEAK TIME 125

SAMPLE ID A3,GC-600, 0931 HRS.

PK NO BIG AREA 7

SAMPLE NAME SMOG#3,BAG 1, 900'

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	7363	11.04	3.8
2	ETHYLENE	45	5017	7.52	2.5
3	ACETYLENE	51	4259	6.39	2.1
4	PROPANE	66	8961	13.44	4.6
5	PROPYLENE	79	1571	2.35	0.7
6	ISOBUTANE	109	4456	6.68	2.2
7	N-BUTANE	125	10360	15.54	5.3
8	1-BUTENE	167	180	0.26	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	326	0.48	0.1
10	ISOPENTANE	236	9199	13.80	4.7
11	N-PENTANE	268	4622	6.93	2.3
12	CYCLOPENTANE	298	282	0.42	0.0
13	HEXANES	536	10044	15.06	5.2

READY

METHANE - 1.86 PPM

*

SAMPLE DATE 10/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0939 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 2, 600' PK NO BIG AREA 13

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7286	11.05	3.9	
2	ETHYLENE	45	5013	7.60	2.6	
3	ACETYLENE	51	4594	6.96	2.4	
4	PROPANE	66	8558	12.98	4.5	
5	PROPYLENE	79	1565	2.37	0.7	
6	PROPADIENE	93	63	0.09	0.0	
7	ISOBUTANE	109	3597	5.45	1.8	
8	N-BUTANE	125	8751	13.27	4.6	
9	1-BUTENE	167	203	0.30	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	539	0.81	0.2	
11	ISOPENTANE	236	9379	14.22	5.0	
12	N-PENTANE	268	4433	6.72	2.3	
13	HEXANES	536	11937	18.10	6.4	

READY

METHANE - 1.92 PPM

*

SAMPLE DATE 10/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0947 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 3, 300' PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7946	11.93	4.2	
2	ETHYLENE	45	4186	6.28	2.1	
3	ACETYLENE	51	3590	5.39	1.8	
4	PROPANE	66	9334	14.02	5.0	
5	PROPYLENE	79	1704	2.55	0.8	
6	ISOBUTANE	109	3792	5.69	2.0	
7	N-BUTANE	125	9144	13.73	4.9	
8	1-BUTENE	167	156	0.23	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	393	0.58	0.1	
10	ISOPENTANE	236	9426	14.16	5.0	
11	N-PENTANE	268	4641	6.97	2.4	
12	HEXANES	536	12247	18.39	6.5	

READY

METHANE - 1.91 PPM

*

SAMPLE DATE 10/01/73 GC CHANNEL 1

SAMPLE ID A3, GC-660, 0955 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3, BAG 4, 600' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7285	11.49	3.9	
2	ETHYLENE	45	4618	7.28	2.4	
3	ACETYLENE	51	4621	7.29	2.4	
4	PROPANE	66	8477	13.37	4.5	
5	PROPYLENE	79	1855	2.92	0.9	
6	ISOBUTANE	109	3614	5.70	1.8	
7	N-BUTANE	125	8982	14.17	4.7	
8	1-BUTENE	167	255	0.39	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	831	1.30	0.3	
10	ISOPENTANE	236	8961	14.14	4.7	
11	N-PENTANE	268	3778	5.96	2.0	
12	CYCLOPENTANE	298	398	0.62	0.1	
13	HEXANES	536	9677	15.27	5.1	

READY

METHANE - 1.92 PPM

SAMPLE DATE 10/01/73 | GC CHANNEL 1

SAMPLE ID A3,GC-660, 1003 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 5, 900' | PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	7441	11.62	3.9
2	ETHYLENE	45	4446	6.94	2.3
3	ACETYLENE	51	4390	6.85	2.3
4	PROPANE	66	8488	13.25	4.5
5	PROPYLENE	79	1976	3.08	1.0
6	ISOBUTANE	109	3510	5.48	1.8
7	N-BUTANE	125	8403	13.12	4.4
8	1-BUTENE	167	107	0.16	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	226	0.35	0.0
10	ISOPENTANE	236	8836	13.80	4.6
11	N-PENTANE	268	4440	6.93	2.3
12	CYCLOPENTANE	298	352	0.54	0.1
13	HEXANES	536	11384	17.78	6.0

READY

METHANE - 1.95 PPM

SAMPLE DATE 10/01/73

SAMPLE ID A3,GC-66C, 1158 HRS.

SAMPLE NAME SMOG#3,BAG 6, 900'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PMMC	VOL.%
1	ETHANE	40	8742	10.86	4.6	
2	ETHYLENE	45	4734	5.88	2.5	
3	ACETYLENE	51	5042	6.26	2.6	
4	PROPANE	66	10675	13.26	5.7	
5	PROPYLENE	79	1299	1.61	0.6	
6	ISOBUTANE	109	5013	6.23	2.6	
7	N-BUTANE	125	10550	13.11	5.6	
8	1-BUTENE	167	143	0.17	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	226	0.28	0.0	
10	ISOPENTANE	236	12076	15.01	6.4	
11	N-PENTANE	268	5715	7.10	3.0	
12	CYCLOPENTANE	298	458	0.56	0.2	
13	HEXANES	536	15763	19.59	8.4	

READY

METHANE - 1.97 PPM

SAMPLE DATE 10/31/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1208 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 7, 1300' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	9033	11.40	4.8
2	ETHYLENE	45	4616	5.82	2.4
3	ACETYLENE	51	5102	6.43	2.7
4	PROPANE	66	10853	13.69	5.7
5	PROPYLENE	79	1131	1.42	0.5
6	ISOBUTANE	109	4676	5.90	2.5
7	N-BUTANE	125	11179	14.10	6.0
8	1-BUTENE	167	71	0.08	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	139	0.17	0.0
10	ISOPENTANE	236	12143	15.32	6.4
11	N-PENTANE	268	5825	7.35	3.1
12	CYCLOPENTANE	298	519	0.65	0.2
13	HEXANES	536	13934	17.58	7.5

READY

METHANE - 1.93 PPM

SAMPLE DATE 10/01/73

SAMPLE ID A3,GC-660, 1216 HRS.

SAMPLE NAME SMOG#3,BAG 8, 900'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9063	12.28	4.8	
2	ETHYLENE	45	4647	6.30	2.5	
3	ACETYLENE	51	5108	6.92	2.7	
4	PROPANE	66	10082	13.67	5.3	
5	PROPYLENE	79	1167	1.58	0.6	
6	ISOBUTANE	109	4257	5.77	2.2	
7	N-BUTANE	125	10099	13.69	5.3	
8	1-BUTENE	167	94	0.12	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	141	0.18	0.0	
10	ISOPENTANE	236	11046	14.97	5.9	
11	N-PENTANE	268	5202	7.05	2.7	
12	CYCLOPENTANE	298	227	0.30	0.0	
13	HEXANES	536	12603	17.08	6.7	

READY

METHANE - 1.96 PPM

SAMPLE DATE 10/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-660,1224 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 9, 600' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	NMHC VOL.%
1	ETHANE	40	8782	11.43	4.6
2	ETHYLENE	45	4863	6.33	2.5
3	ACETYLENE	51	5345	6.96	2.8
4	PROPANE	66	9576	12.47	5.0
5	PROPYLENE	79	1191	1.55	0.6
6	ISOBUTANE	109	4382	5.70	2.3
7	N-BUTANE	125	10216	13.30	5.4
8	1-BUTENE	167	100	0.12	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	251	0.32	0.0
10	ISOPENTANE	236	11362	14.79	6.0
11	N-PENTANE	268	5534	7.20	2.9
12	CYCLOPENTANE	298	430	0.55	0.1
13	HEXANES	536	14731	19.18	7.8

READY

METHANE - 1.93 PPM

SAMPLE DATE 10/01/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1232 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 10, 500' — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	8884	13.18	4.7
2	ETHYLENE	45	4201	6.23	2.1
3	ACETYLENE	51	4779	7.09	2.5
4	PROPANE	66	8774	13.02	4.6
5	PROPYLENE	79	892	1.32	0.4
6	ISOBUTANE	109	3421	5.07	1.7
7	N-BUTANE	125	9183	13.63	4.9
8	1-BUTENE	167	63	0.09	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	189	0.27	0.0
10	ISOPENTANE	236	9803	14.55	5.2
11	N-PENTANE	268	4803	7.12	2.5
12	CYCLOPENTANE	298	340	0.50	0.1
13	HEXANES	536	12026	17.85	6.4

READY

METHANE - 1.93 PPM

*

SAMPLE DATE 10/01/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1452 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 11, 5000' — PK NO BIG AREA 1

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	599	32.65	0.3	
2	ETHYLENE	45	200	10.90	0.0	
3	ACETYLENE	51	125	6.81	0.0	
4	PROPANE	66	202	11.01	0.0	
5	PROPYLENE	79	82	4.47	0.0	
6	ISOBUTANE	109	45	2.45	0.0	
7	N-BUTANE	125	207	11.28	0.0	
8	ISOPENTANE	236	328	17.88	0.1	
9	N-PENTANE	268	46	2.50	0.0	

READY

METHANE - 1.74 PPM

*

SAMPLE DATE 10/01/73

SAMPLE ID A3,GC-660,1456 HRS.

SAMPLE NAME SMOG#3,BAG 12, 4000'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 1

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	1169	32.14	0.6	
2	ETHYLENE	45	272	7.47	0.0	
3	ACETYLENE	51	224	6.15	0.0	
4	PROPANE	66	473	13.00	0.2	
5	PROPYLENE	79	103	2.82	0.0	
6	ISOBUTANE	109	82	2.25	0.0	
7	N-BUTANE	125	283	7.77	0.0	
8	ISOPENTANE	236	104	2.85	0.0	
9	N-PENTANE	268	45	1.23	0.0	
10	HEXANES	536	882	24.24	0.4	

READY

METHANE - 1.74 PPM

*

SAMPLE DATE 10/01/73

SAMPLE ID A3,GC-660, 1503 HRS.

SAMPLE NAME SMOG#3,BAG 13, 3000'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

NO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6537	10.36	3.5	
2	ETHYLENE	45	3304	5.23	1.7	
3	ACETYLENE	51	3450	5.46	1.7	
4	PROPANE	66	9170	14.53	4.9	
5	PROPYLENE	79	656	1.03	0.3	
6	ISOBUTANE	109	4151	6.57	2.1	
7	N-BUTANE	125	9768	15.48	5.2	
8	1-BUTENE	167	71	0.10	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	71	0.10	0.0	
10	ISOPENTANE	236	9176	14.54	4.9	
11	N-PENTANE	268	4712	7.47	2.5	
12	CYCLOPENTANE	298	253	0.39	0.0	
13	HEXANES	536	11749	18.62	6.2	

READY

METHANE - 1.87 PPM

*

SAMPLE DATE 10/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1507 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 14, 2000' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9419	11.87	5.0	
2	ETHYLENE	45	4532	5.71	2.4	
3	ACETYLENE	51	4350	5.48	2.2	
4	PROPANE	66	12165	15.33	6.4	
5	PROPYLENE	79	1042	1.31	0.5	
6	ISOBUTANE	109	6254	7.88	3.3	
7	N-BUTANE	125	10954	13.80	5.8	
8	1-BUTENE	167	144	0.18	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	98	0.12	0.0	
10	ISOPENTANE	236	10684	13.46	5.7	
11	N-PENTANE	268	5523	6.96	2.9	
12	CYCLOPENTANE	298	245	0.30	0.0	
13	HEXANES	536	13909	17.53	7.4	

READY

METHANE - 1.97 PPM

*

SAMPLE DATE 10/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1512 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 15, 1000' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8429	10.57	4.5	
2	ETHYLENE	45	4327	5.42	2.2	
3	ACETYLENE	51	4348	5.45	2.2	
4	PROPANE	66	11270	14.14	6.0	
5	PROPYLENE	79	1072	1.34	0.5	
6	ISOBUTANE	109	5946	7.46	3.1	
7	N-BUTANE	125	10519	13.20	5.6	
8	1-BUTENE	167	173	0.21	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	149	0.18	0.0	
10	ISOPENTANE	236	10924	13.71	5.8	
11	N-PENTANE	268	5166	6.48	2.7	
12	CYCLOPENTANE	298	1046	1.31	0.5	
13	HEXANES	536	16298	20.45	8.7	

READY

METHANE - 1.96 PPM

*

SAMPLE DATE 10/01/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 14-1600 — REF. PEAK TIME 125

SAMPLE NAME EL MONTE LAB — PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8340	4.24	4.2	
2	ETHYLENE	45	7654	3.89	3.9	
3	ACETYLENE	51	5522	2.81	2.8	
4	PROPANE	66	11347	5.77	5.9	
5	PROPYLENE	79	1899	0.96	0.9	
6	PROPADIENE	93	188	0.09	0.0	
7	ISOBUTANE	109	5403	2.74	2.8	
8	N-BUTANE	125	11050	5.62	5.7	
9	1-BUTENE	167	580	0.29	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	2673	1.35	1.3	
11	ISOPENTANE	236	76826	39.10	40.1	
12	N-PENTANE	268	29539	15.03	15.3	
13	CYCLOPENTANE	298	1719	0.87	0.8	
14	HEXANES	536	33708	17.15	17.5	

READY

METHANE -

*

SAMPLE DATE 10/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 16-1800 REF. PEAK TIME 125

SAMPLE NAME EL MONTE LAB PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8196	8.54	4.0	
2	ETHYLENE	45	7141	7.44	3.5	
3	ACETYLENE	51	5350	5.57	2.6	
4	PROPANE	66	8100	8.44	4.0	
5	PROPYLENE	79	1803	1.87	0.8	
6	ISOBUTANE	109	4417	4.60	2.1	
7	N-BUTANE	125	10851	11.30	5.4	
8	1-BUTENE	167	257	0.26	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	254	0.26	0.0	
10	ISOPENTANE	236	17341	18.07	8.6	
11	N-PENTANE	268	8017	8.35	3.9	
12	HEXANES	536	24197	25.22	12.1	

READY

METHANE - 1.95 PPM

*

SAMPLE DATE 10/02/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, C6-0800 REF. PEAK TIME 125

SAMPLE NAME EL MONTE LAB PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	15408	16.00	7.7	
2	ETHYLENE	45	8432	8.75	4.2	
3	ACETYLENE	51	4021	4.17	1.9	
4	PROPANE	66	10722	11.13	5.3	
5	PROPYLENE	79	781	0.80	0.3	
6	ISOBUTANE	109	3957	4.10	1.9	
7	N-BUTANE	125	9861	10.23	4.9	
8	1-BUTENE	167	558	0.57	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	974	1.01	0.4	
10	ISOPENTANE	236	15212	15.79	7.6	
11	N-PENTANE	268	8249	8.56	4.1	
12	CYCLOPENTANE	298	171	0.17	0.0	
13	1-PENTENE	345	198	0.20	0.0	
14	HEXANES	536	17749	18.42	8.9	

READY

METHANE - 2.15 PPM

*

SAMPLE DATE 10/02/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 08-1000 REF. PEAK TIME 125

SAMPLE NAME EL MONTE LAB PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7891	9.66	4.2	
2	ETHYLENE	45	4378	5.36	2.3	
3	ACETYLENE	51	5236	6.41	2.8	
4	PROPANE	66	9193	11.25	4.9	
5	PROPYLENE	79	1943	2.37	1.0	
6	PROPADIENE	93	140	0.17	0.0	
7	ISOBUTANE	109	4172	5.10	2.1	
8	N-BUTANE	125	9841	12.05	5.2	
9	1-BUTENE	167	198	0.24	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	1183	1.44	0.6	
11	ISOPENTANE	236	15096	18.49	8.1	
12	N-PENTANE	268	5629	6.89	2.9	
13	CYCLOPENTANE	298	326	0.39	0.1	
14	HEXANES	536	16410	20.09	8.8	

READY

METHANE - 1.96 PPM

*

SAMPLE DATE 10/02/73 GC CHANNEL 1

SAMPLE ID A3, GC-202, 10-1200 REF. PEAK TIME 125

SAMPLE NAME EL MONTE LAB PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8957	9.57	4.4	
2	ETHYLENE	45	7583	8.10	3.7	
3	ACETYLENE	51	4326	4.62	2.1	
4	PROPANE	66	7797	8.33	3.9	
5	PROPYLENE	79	1383	1.47	0.6	
6	ISOBUTANE	109	3674	3.92	1.7	
7	N-BUTANE	125	9467	10.11	4.7	
8	1-BUTENE	167	738	0.78	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1149	1.22	0.5	
10	ISOPENTANE	236	15688	16.76	7.8	
11	N-PENTANE	268	8422	8.99	4.2	
12	CYCLOPENTANE	298	1667	1.77	0.7	
13	1-PENTENE	345	95	0.10	0.0	
14	HEXANES	536	22634	24.18	11.4	

READY

METHANE - 2.06 PPM

*

SAMPLE DATE 10/02/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 12-1400 — REF. PEAK TIME 125

SAMPLE NAME EL MONTE LAB — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8003	8.89	4.2	
2	ETHYLENE	45	4068	4.51	2.1	
3	ACETYLENE	51	5128	5.69	2.7	
4	PROPANE	66	10456	11.61	5.6	
5	PROPYLENE	79	920	1.02	0.4	
6	ISOBUTANE	109	5441	6.04	2.8	
7	N-BUTANE	125	14284	15.87	7.6	
8	1-BUTENE	167	106	0.11	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	294	0.32	0.1	
10	ISOPENTANE	236	15952	17.72	8.5	
11	N-PENTANE	268	6360	7.06	3.3	
12	CYCLOPENTANE	298	215	0.23	0.0	
13	HEXANES	536	18760	20.84	10.0	

READY

METHANE - 2.01 PPM

*

SAMPLE DATE 10/02/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 14-1600 | REF. PEAK TIME 125

SAMPLE NAME EL MONTE LAB | PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10241	9.37	5.1	
2	ETHYLENE	45	9037	8.27	4.5	
3	ACETYLENE	51	4827	4.41	2.4	
4	PROPANE	66	10864	9.94	5.4	
5	PROPYLENE	79	1228	1.12	0.5	
6	ISOBUTANE	109	6037	5.52	2.9	
7	N-BUTANE	125	12701	11.63	6.3	
8	1-BUTENE	167	1017	0.93	0.4	
9	ISOBUTYLENE + T-2-BUTENE	196	982	0.89	0.4	
10	ISOPENTANE	236	19700	18.04	9.9	
11	CYCLOPENTANE	298	9759	8.93	4.8	
12	HEXANES	536	22792	20.87	11.4	

READY

METHANE - 2.04 PPM

*

SAMPLE DATE	10/02/73	GC CHANNEL	1
SAMPLE ID	A3,GC-660, 16-1800	REF. PEAK TIME	125
SAMPLE NAME	EL MONTE LAB	PK NO BIG AREA	14
		PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	6444	7.23	3.5	
2	ETHYLENE	45	6244	7.01	3.5	
3	ACETYLENE	51	6883	7.73	3.9	
4	PROPANE	66	7170	8.05	4.0	
5	PROPYLENE	79	2165	2.43	1.1	
6	ISOBUTANE	109	4138	4.64	2.3	
7	N-BUTANE	125	11756	13.20	6.6	
8	1-BUTENE	167	386	0.43	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	1065	1.19	0.5	
10	ISOPENTANE	236	15581	17.50	8.8	
11	N-PENTANE	268	7296	8.19	4.1	
12	CYCLOPENTANE	298	788	0.88	0.3	
13	1-PENTENE	345	221	0.24	0.0	
14	HEXANES	536	18872	21.20	10.7	

READY

METHANE - 1.95 PPM

*

SAMPLE DATE 10/03/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 06-0800 — REF. PEAK TIME 125

SAMPLE NAME EL MONTE LAB — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13256	11.50	6.7	
2	ETHYLENE	45	10152	8.81	5.1	
3	ACETYLENE	51	7224	6.26	3.6	
4	PROPANE	66	9697	8.41	4.9	
5	PROPYLENE	79	1659	1.43	0.7	
6	ISOBUTANE	109	4633	4.01	2.3	
7	N-BUTANE	125	12403	10.76	6.2	
8	1-BUTENE	167	784	0.67	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1093	0.94	0.5	
10	ISOPENTANE	236	20416	17.71	10.3	
11	N-PENTANE	268	10166	8.82	5.1	
12	CYCLOPENTANE	298	279	0.24	0.0	
13	HEXANES	536	23463	20.36	11.8	

READY

METHANE - 2.14 PPM

*

SAMPLE DATE 10/03/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 08-1000 — REF. PEAK TIME 125

SAMPLE NAME EL MONTE LAB — PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9533	11.91	4.8	
2	ETHYLENE	45	5533	6.91	2.8	
3	ACETYLENE	51	6130	7.65	3.0	
4	PROPANE	66	8575	10.71	4.2	
5	PROPYLENE	79	1183	1.47	0.5	
6	ISOBUTANE	109	3779	4.72	1.8	
7	N-BUTANE	125	8784	10.97	4.4	
8	ISOBUTYLENE + T-2-BUTENE	196	444	0.55	0.1	
9	ISOPENTANE	236	12249	15.30	6.1	
10	N-PENTANE	268	6134	7.66	3.0	
11	HEXANES	536	17686	22.09	8.9	

READY

METHANE - 1.98 PPM

*

SAMPLE DATE 10/03/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 10-1200 | REF. PEAK TIME 125

SAMPLE NAME EL MONTE LAB | PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14697	13.44	7.4	
2	ETHYLENE	45	10641	9.73	5.3	
3	ACETYLENE	51	9295	8.50	4.6	
4	PROPANE	66	9751	8.92	4.9	
5	PROPYLENE	79	2583	2.36	1.2	
6	ISOBUTANE	109	3919	3.58	1.9	
7	N-BUTANE	125	9138	8.36	4.6	
8	1-BUTENE	167	785	0.71	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1385	1.26	0.7	
10	ISOPENTANE	236	16372	14.98	8.2	
11	N-PENTANE	268	8300	7.59	4.2	
12	HEXANES	536	22398	20.49	11.3	

READY

METHANE - 2.15 PPM

*

SAMPLE DATE 10/03/73

SAMPLE ID A3,GC-202, 12-1400

SAMPLE NAME EL MONTE LAB

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9650	10.31	4.8	
2	ETHYLENE	45	5416	5.78	2.7	
3	ACETYLENE	51	5632	6.01	2.8	
4	PROPANE	66	8399	8.97	4.2	
5	PROPYLENE	79	799	0.85	0.3	
6	ISOBUTANE	109	4035	4.31	2.0	
7	N-BUTANE	125	10629	11.36	5.3	
8	1-BUTENE	167	175	0.18	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	201	0.21	0.0	
10	ISOPENTANE	236	14984	16.01	7.5	
11	N-PENTANE	268	6114	6.53	3.0	
12	HEXANES	536	27504	29.40	13.9	

READY

METHANE - 2.00 PPM

*

SAMPLE DATE 10/03/73 GC CHANNEL 1

SAMPLE ID A3, GC-660, 14-1600 REF. PEAK TIME 125

SAMPLE NAME EL MONTE LAB PK NO BIG AREA 2

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	7540	8.56	6.3
2	ETHYLENE	45	20218	22.97	17.0
3	ACETYLENE	51	4735	5.38	3.9
4	PROPANE	66	8457	9.60	7.1
5	PROPYLENE	79	1357	1.54	1.0
6	PROPADIENE	93	112	0.12	0.0
7	ISOBUTANE	109	4411	5.01	3.6
8	N-BUTANE	125	9017	10.24	7.5
9	1-BUTENE	167	306	0.34	0.2
10	ISOBUTYLENE + T-2-BUTENE	196	410	0.46	0.3
11	ISOPENTANE	236	12411	14.10	10.4
12	N-PENTANE	268	6101	6.93	5.0
13	CYCLOPENTANE	298	469	0.53	0.3
14	HEXANES	536	12458	14.15	10.4

READY

METHANE -2.17 PPM

*

SAMPLE DATE 10/03/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 16-180C — REF. PEAK TIME 125

SAMPLE NAME EL MONTE LAB — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7737	9.29	6.4	
2	ETHYLENE	45	9401	11.29	7.8	
3	ACETYLENE	51	5768	6.93	4.8	
4	PROPANE	66	9574	11.50	8.0	
5	PROPYLENE	79	1724	2.06	1.4	
6	ISOBUTANE	109	4725	5.67	3.9	
7	N-BUTANE	125	11088	13.32	9.2	
8	1-BUTENE	167	247	0.29	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	629	0.75	0.4	
10	ISOPENTANE	236	13084	15.72	11.0	
11	N-PENTANE	268	5717	6.86	4.7	
12	CYCLOPENTANE	298	135	0.16	0.0	
13	HEXANES	536	13380	16.07	11.2	

READY

METHANE - 2.27 PPM

*

SAMPLE DATE 10/02/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1152 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, POMONA PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7675	13.35	4.2	
2	ETHYLENE	45	3050	5.30	1.7	
3	ACETYLENE	51	4146	7.21	2.3	
4	PROPANE	66	8202	14.27	4.6	
5	PROPYLENE	79	705	1.22	0.3	
6	ISOBUTANE	109	2847	4.95	1.5	
7	N-BUTANE	125	8079	14.05	4.5	
8	1-BUTENE	167	69	0.11	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	266	0.46	0.0	
10	ISOPENTANE	236	8066	14.03	4.5	
11	N-PENTANE	268	4241	7.37	2.3	
12	CYCLOPENTANE	298	377	0.65	0.1	
13	HEXANES	536	9744	16.95	5.5	

READY

METHANE - 1.98 PPM

*

SAMPLE DATE 10/02/73

SAMPLE ID A3,GC-202, 1442 HRS.

SAMPLE NAME ARB VAN, POMONA

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9387	13.28	4.7	
2	ETHYLENE	45	5521	7.81	2.7	
3	ACETYLENE	51	5656	8.00	2.8	
4	PROPANE	66	8874	12.55	4.4	
5	PROPYLENE	79	720	1.01	0.3	
6	ISOBUTANE	109	3062	4.33	1.4	
7	N-BUTANE	125	7588	.0.73	3.8	
8	ISOBUTYLENE + T-2-BUTENE	196	302	0.42	0.0	
9	ISOPENTANE	236	10899	15.42	5.4	
10	N-PENTANE	268	5173	7.32	2.5	
11	CYCLOPENTANE	298	136	0.19	0.0	
12	HEXANES	536	13339	18.87	6.7	

READY

METHANE - 2.01 PPM

*

SAMPLE DATE 10/02/73

SAMPLE ID A3,GC-660, 1545 HRS.

SAMPLE NAME ARB VAN, CUCAMONGA

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8256	8.07	4.6	
2	ETHYLENE	45	8439	8.25	4.7	
3	ACETYLENE	51	15133	14.80	8.5	
4	PROPANE	66	9509	9.30	5.3	
5	PROPYLENE	79	3336	3.26	1.8	
6	PROPADIENE	93	110	0.10	0.0	
7	ISOBUTANE	109	3850	3.76	2.1	
8	N-BUTANE	125	9814	9.59	5.5	
9	1-BUTENE	167	599	0.58	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	1737	1.69	0.9	
11	ISOPENTANE	236	15824	15.47	8.9	
12	N-PENTANE	268	7521	7.35	4.2	
13	CYCLOPENTANE	298	683	0.66	0.3	
14	1-PENTENE	345	70	0.06	0.0	
15	HEXANES	536	17344	16.96	9.8	

READY

METHANE - 2.03 PPM

*

SAMPLE DATE 10/02/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1624 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, CUCAMONGA PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7353	11.10	4.1	
2	ETHYLENE	45	2287	3.45	1.2	
3	ACETYLENE	51	4918	7.42	2.7	
4	PROPANE	66	8657	13.07	4.9	
5	PROPYLENE	79	721	1.08	0.3	
6	ISOBUTANE	109	3543	5.34	1.9	
7	N-BUTANE	125	9483	14.32	5.3	
8	ISOBUTYLENE + T-2-BUTENE	196	114	0.17	0.0	
9	ISOPENTANE	236	10828	16.35	6.0	
10	N-PENTANE	268	5090	7.68	2.8	
11	CYCLOPENTANE	298	134	0.20	0.0	
12	HEXANES	536	13073	19.74	7.4	

READY

METHANE - 1.96 PPM

*

SAMPLE DATE 10/02/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1445 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 1, 3100' PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8071	13.94	3.7	
2	ETHYLENE	45	3508	6.05	1.5	
3	ACETYLENE	51	3241	5.59	1.4	
4	PROPANE	66	8234	14.22	3.8	
5	PROPYLENE	79	375	0.64	0.1	
6	ISOBUTANE	109	3012	5.20	1.3	
7	N-BUTANE	125	7824	13.51	3.5	
8	ISOBUTYLENE + T-2-BUTENE	196	278	0.47	0.0	
9	ISOPENTANE	236	8601	14.85	3.9	
10	N-PENTANE	268	4328	7.47	1.9	
11	HEXANES	536	10410	17.98	4.8	

READY

METHANE - 2.02 PPM

*

SAMPLE DATE 10/02/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1453 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 2, 2000' PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9070	14.65	4.2	
2	ETHYLENE	45	2567	4.14	1.1	
3	ACETYLENE	51	3167	5.11	1.4	
4	PROPANE	66	7170	11.58	3.2	
5	PROPYLENE	79	350	0.56	0.1	
6	ISOBUTANE	109	3245	5.23	1.4	
7	N-BUTANE	125	8107	13.09	3.7	
8	ISOBUTYLENE + T-2-BUTENE	196	96	0.15	0.0	
9	ISOPENTANE	236	9609	15.52	4.4	
10	N-PENTANE	268	5424	8.76	2.5	
11	CYCLOPENTANE	298	308	0.49	0.0	
12	HEXANES	536	12783	20.65	5.9	

READY

METHANE - 1.91 PPM

*

SAMPLE DATE 10/02/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1503 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 3, 2200' PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	9127	15.76	4.2	
2	ETHYLENE	45	3035	5.23	1.4	
3	ACETYLENE	51	3490	6.02	1.5	
4	PROPANE	66	7965	13.75	3.6	
5	PROPYLENE	79	303	0.52	0.0	
6	ISOBUTANE	109	3114	5.37	1.4	
7	N-BUTANE	125	7867	13.58	3.5	
8	ISOBUTYLENE + T-2-BUTENE	196	96	0.16	0.0	
9	ISOPENTANE	236	8902	15.37	4.1	
10	N-PENTANE	268	4202	7.25	1.9	
11	CYCLOPENTANE	298	454	0.78	0.1	
12	HEXANES	536	9348	16.14	4.2	

READY

METHANE - 2.01 PPM

*

SAMPLE DATE 10/02/73

SAMPLE ID A3,GC-202, 1510 HRS.

SAMPLE NAME SMOG#3,BAG 4, 1600'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9867	14.08	4.5	
2	ETHYLENE	45	3511	5.01	1.5	
3	ACETYLENE	51	3933	5.61	1.7	
4	PROPANE	66	8114	11.57	3.7	
5	PROPYLENE	79	382	0.54	0.1	
6	ISOBUTANE	109	3162	4.51	1.4	
7	N-BUTANE	125	7909	11.28	3.6	
8	ISOPENTANE	236	9168	13.08	4.2	
9	N-PENTANE	268	4642	6.62	2.1	
10	HEXANES	536	19378	27.65	8.9	

READY

METHANE - 1.92 PPM

*

SAMPLE DATE 10/02/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1517 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 5 PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9871	11.79	4.5	
2	ETHYLENE	45	12821	15.32	5.9	
3	ACETYLENE	51	4801	5.73	2.1	
4	PROPANE	66	9440	11.28	4.3	
5	PROPYLENE	79	264	0.31	0.0	
6	ISOBUTANE	109	3723	4.44	1.7	
7	N-BUTANE	125	9744	11.64	4.5	
8	1-BUTENE	167	200	0.23	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	252	0.29	0.0	
10	ISOPENTANE	236	12051	14.40	5.5	
11	N-PENTANE	268	5693	6.80	2.5	
12	HEXANES	536	14803	17.69	6.8	

READY

METHANE - 2.03 PPM

*

SAMPLE DATE 10/04/73 — GC CHANNEL 1

SAMPLE ID A3, GC-660, C8-1000 — REF. PEAK TIME 125

SAMPLE NAME EL MONTE LAB — PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14027	8.07	11.7	
2	ETHYLENE	45	16010	9.21	13.4	
3	ACETYLENE	51	16395	9.43	13.8	
4	PROPANE	66	12860	7.40	10.7	
5	PROPYLENE	79	5038	2.89	4.2	
6	ISOBUTANE	109	6711	3.86	5.6	
7	N-BUTANE	125	18777	10.80	15.7	
8	1-BUTENE	167	923	0.53	0.7	
9	ISOBUTYLENE + T-2-BUTENE	196	2256	1.29	1.8	
10	ISOPENTANE	236	29351	16.89	24.6	
11	N-PENTANE	268	13427	7.72	11.2	
12	CYCLOPENTANE	298	1177	0.67	0.9	
13	1-PENTENE	345	478	0.27	0.3	
14	HEXANES	536	36291	20.88	30.5	

READY

METHANE - 2.82 PPM

*

SAMPLE DATE 10/04/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 10-1200 REF. PEAK TIME 125

SAMPLE NAME EL MONTE LAB PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	9596	8.48	8.0
2	ETHYLENE	45	7956	7.03	6.6
3	ACETYLENE	51	9578	8.47	8.0
4	PROPANE	66	10224	9.04	8.5
5	PROPYLENE	79	1870	1.65	1.5
6	PROPADIENE	93	113	0.09	0.0
7	ISOBUTANE	109	5248	4.64	4.3
8	N-BUTANE	125	14380	12.71	12.1
9	1-BUTENE	167	274	0.24	0.1
10	ISOBUTYLENE + T-2-BUTENE	196	596	0.52	0.4
11	ISOPENTANE	236	18240	16.13	15.3
12	N-PENTANE	268	7772	6.87	6.4
13	CYCLOPENTANE	298	389	0.34	0.3
14	1-PENTENE	345	113	0.09	0.0
15	HEXANES	536	26702	23.61	22.5

READY

METHANE - 2.47 PPM

*

SAMPLE DATE 10/04/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 12-1400 REF. PEAK TIME 125

SAMPLE NAME EL MONTE LAB PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	15388	9.18	11.2	
2	ETHYLENE	45	6805	4.05	4.9	
3	ACETYLENE	51	13933	8.31	10.1	
4	PROPANE	66	15204	9.07	11.0	
5	PROPYLENE	79	358	0.21	0.2	
6	ISOBUTANE	109	8760	5.22	6.4	
7	N-BUTANE	125	24698	14.73	18.0	
8	1-BUTENE	167	125	0.07	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	221	0.13	0.1	
10	ISOPENTANE	236	31554	18.83	23.0	
11	N-PENTANE	268	13415	8.00	9.7	
12	CYCLOPENTANE	298	1313	0.78	0.9	
13	1-PENTENE	345	243	0.14	0.1	
14	HEXANES	536	35530	21.20	25.9	

READY

METHANE - 2.51 PPM

*

SAMPLE DATE 10/04/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 14-1600 — REF. PEAK TIME 125

SAMPLE NAME EL MONTE LAB — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6375	9.07	4.6	
2	ETHYLENE	45	4533	6.45	3.2	
3	ACETYLENE	51	5378	7.65	3.9	
4	PROPANE	66	6482	9.22	4.6	
5	PROPYLENE	79	1162	1.65	0.7	
6	ISOBUTANE	109	2946	4.19	2.1	
7	N-BUTANE	125	9682	13.78	7.0	
8	1-BUTENE	167	124	0.17	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	230	0.32	0.1	
10	ISOPENTANE	236	12962	18.45	9.4	
11	N-PENTANE	268	5543	7.88	3.9	
12	CYCLOPENTANE	298	91	0.12	0.0	
13	HEXANES	536	14737	20.97	10.7	

READY

METHANE - 2.04 PPM

*

SAMPLE DATE	10/04/73	GC CHANNEL	1
SAMPLE ID	A3, GC-660, 16-1800	REF. PEAK TIME	125
SAMPLE NAME	EL MONTE LAB	PK NO BIG AREA	15
		PK NO REF PEAK	8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10990	10.72	7.9	
2	ETHYLENE	45	7453	7.27	5.3	
3	ACETYLENE	51	7571	7.39	5.4	
4	PROPANE	66	8633	8.42	6.2	
5	PROPYLENE	79	2615	2.55	1.8	
6	PROPADIENE	93	224	0.21	0.1	
7	ISOBUTANE	109	3938	3.84	2.8	
8	N-BUTANE	125	11844	11.56	8.5	
9	1-BUTENE	167	534	0.51	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	1310	1.27	0.9	
11	ISOPENTANE	236	18709	18.26	13.6	
12	N-PENTANE	268	8197	8.00	5.9	
13	CYCLOPENTANE	298	1035	1.01	0.7	
14	1-PENTENE	345	268	0.25	0.1	
15	HEXANES	536	19080	18.63	13.9	

READY

METHANE - 2.30 PPM

*

SAMPLE DATE 10/04/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0920 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	23371	7.14	10.8	
2	ETHYLENE	45	24398	7.45	11.3	
3	ACETYLENE	51	25203	7.70	11.7	
4	PROPANE	66	18847	5.75	8.7	
5	PROPYLENE	79	5372	1.64	2.5	
6	ISOBUTANE	109	11752	3.59	5.4	
7	N-BUTANE	125	35620	10.88	16.5	
8	1-BUTENE	167	1571	0.47	0.7	
9	ISOBUTYLENE + T-2-BUTENE	196	2421	0.73	1.0	
10	ISOPENTANE	236	61663	18.84	28.6	
11	N-PENTANE	268	27129	8.29	12.5	
12	CYCLOPENTANE	298	4307	1.31	1.9	
13	1-PENTENE	345	810	0.24	0.3	
14	HEXANES	536	84688	25.88	39.4	

READY

METHANE - 2.44 PPM

*

SAMPLE DATE 10/04/73 GC CHANNEL 1

SAMPLE ID A3, GC-202, 1030 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	37052	8.36	17.1	
2	ETHYLENE	45	32791	7.40	15.2	
3	ACETYLENE	51	34985	7.90	16.2	
4	PROPANE	66	25488	5.75	11.8	
5	PROPYLENE	79	7834	1.76	3.5	
6	PROPADIENE	93	264	0.06	0.0	
7	ISOBUTANE	109	15757	3.55	7.2	
8	N-BUTANE	125	49601	11.20	23.0	
9	1-BUTENE	167	2645	0.59	1.1	
10	ISOBUTYLENE + T-2-BUTENE	196	3835	0.86	1.7	
11	ISOPENTANE	236	86778	19.59	40.3	
12	N-PENTANE	263	37995	8.58	17.6	
13	CYCLOPENTANE	298	4982	1.12	2.2	
14	1-PENTENE	345	1286	0.28	0.5	
15	HEXANES	536	101411	22.90	47.1	

READY

METHANE - 2.78 PPM

*

SAMPLE DATE 10/04/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1130 HRS. — REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES — PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	48203	4.74	35.2	
2	ETHYLENE	45	16456	1.62	12.0	
3	ACETYLENE	51	28410	2.79	20.7	
4	PROPANE	66	30291	2.98	22.1	
5	PROPYLENE	79	6218	0.61	4.5	
6	PROPADIENE	93	640	0.06	0.3	
7	ISOBUTANE	109	21895	2.15	16.0	
8	N-BUTANE	125	71358	7.02	52.1	
9	1-BUTENE	167	4058	0.39	2.9	
10	ISOBUTYLENE + T-2-BUTENE	196	3702	0.36	2.6	
11	ISOPENTANE	236	308354	30.37	*6.6	225.6
12	N-PENTANE	268	131860	12.98	96.4	
13	CYCLOPENTANE	298	17031	1.67	12.4	
14	1-PENTENE	345	11434	1.12	8.3	
15	HEXANES	536	315316	31.05	*0.7	230.7

READY

METHANE - 4.13 PPM

*

SAMPLE DATE 10/04/73 | GC CHANNEL 1

SAMPLE ID A3,GC-660, 1230 HRS. | REF. PEAK TIME 125

SAMPLE NAME ARB VAN, GLENDALE | PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	23907	4.02	17.4	
2	ETHYLENE	45	25441	4.27	18.5	
3	ACETYLENE	51	38613	6.49	28.2	
4	PROPANE	66	28841	4.85	21.0	
5	PROPYLENE	79	9040	1.51	6.5	
6	ISOBUTANE	109	26797	4.50	19.6	
7	N-BUTANE	125	75161	12.64	55.0	
8	1-BUTENE	167	4730	0.79	3.4	
9	ISOBUTYLENE + T-2-BUTENE	196	6231	1.04	4.5	
10	ISOPENTANE	236	168357	28.32	*8.4	123.2
11	N-PENTANE	268	61810	10.39	45.1	
12	CYCLOPENTANE	298	5637	0.94	4.0	
13	1-PENTENE	345	4379	0.73	3.2	
14	HEXANES	536	115405	19.41	84.3	

READY

METHANE - 2.83 PPM

*

SAMPLE DATE 10/04/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1041 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 1, 1300' — PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	31581	8.01	14.5	
2	ETHYLENE	45	32730	8.30	15.0	
3	ACETYLENE	51	34146	8.67	15.7	
4	PROPANE	66	24540	6.22	11.2	
5	PROPYLENE	79	7322	1.85	3.3	
6	ISOBUTANE	109	14232	3.61	6.4	
7	N-BUTANE	125	44337	11.25	20.3	
8	1-BUTENE	167	1304	0.32	0.5	
9	ISOBUTYLENE + T-2-BUTENE	196	4759	1.20	2.1	
10	ISOPENTANE	236	68148	17.30	31.3	
11	N-PENTANE	268	30550	7.75	13.9	
12	CYCLOPENTANE	298	4716	1.19	2.1	
13	1-PENTENE	345	4635	1.17	2.1	
14	HEXANES	536	90799	23.05	41.7	

READY

METHANE - 2.82 PPM

*

SAMPLE DATE 10/04/73

SAMPLE ID A3,GC-202, 1049 HRS.

SAMPLE NAME SMOG#3,BAG 2, 1050'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	38137	9.29	17.5	
2	ETHYLENE	45	29355	7.15	13.4	
3	ACETYLENE	51	35625	8.68	16.3	
4	PROPANE	66	25788	6.28	11.7	
5	PROPYLENE	79	7493	1.82	3.4	
6	ISOBUTANE	109	15240	3.71	6.9	
7	N-BUTANE	125	46620	11.36	21.4	
8	1-BUTENE	167	1241	0.30	0.5	
9	ISOBUTYLENE + T-2-BUTENE	196	979	0.23	0.3	
10	ISOPENTANE	236	75914	18.50	34.9	
11	N-PENTANE	268	32278	7.86	14.8	
12	CYCLOPENTANE	298	4808	1.17	2.1	
13	1-PENTENE	345	699	0.16	0.3	
14	HEXANES	536	96053	23.41	44.1	

READY

METHANE - 2.87 PPM

SAMPLE DATE 10/04/73

SAMPLE ID A3,GC-2C2, 1057 HRS.

SAMPLE NAME SMOG#3,BAG 3, 850'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	33126	10.21	15.2	
2	ETHYLENE	45	27347	8.43	12.5	
3	ACETYLENE	51	26528	8.18	12.1	
4	PROPANE	66	22569	6.95	10.3	
5	PROPYLENE	79	5231	1.61	2.3	
6	ISOBUTANE	109	12522	3.86	5.7	
7	N-BUTANE	125	38447	11.85	17.6	
8	1-BUTENE	167	1641	0.50	0.7	
9	ISOBUTYLENE + T-2-BUTENE	196	1809	0.55	0.7	
10	ISOPENTANE	236	59246	18.27	27.1	
11	N-PENTANE	268	25357	7.81	11.6	
12	CYCLOPENTANE	298	3009	0.92	1.3	
13	1-PENTENE	345	236	0.07	0.0	
14	HEXANES	536	67161	20.71	30.8	

READY

METHANE - 2.71 PPM

*

SAMPLE DATE 10/04/73

SAMPLE ID A3,GC-202, 1106 HRS.

SAMPLE NAME SMOG#3,BAG 4, 700'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	32250	10.18	14.7
2	ETHYLENE	45	20746	6.54	9.5
3	ACETYLENE	51	25621	8.09	11.7
4	PROPANE	66	22527	7.11	10.3
5	PROPYLENE	79	5065	1.59	2.2
6	ISOBUTANE	109	12720	4.01	5.7
7	N-BUTANE	125	37970	11.99	17.4
8	1-BUTENE	167	1102	0.34	0.4
9	ISOBUTYLENE + T-2-BUTENE	196	1578	0.49	0.7
10	ISOPENTANE	236	58514	18.47	26.8
11	N-PENTANE	268	25255	7.97	11.5
12	CYCLOPENTANE	298	3774	1.19	1.7
13	1-PENTENE	345	155	0.04	0.0
14	HEXANES	536	69377	21.90	31.8

READY

METHANE - 2.72 PPM

*

SAMPLE DATE 10/04/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1114 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 5, 900' — PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	36519	10.19	16.7	
2	ETHYLENE	45	25470	7.10	11.7	
3	ACETYLENE	51	31133	8.68	14.2	
4	PROPANE	66	23440	6.54	10.7	
5	PROPYLENE	79	5945	1.65	2.7	
6	ISOBUTANE	109	12924	3.60	5.9	
7	N-BUTANE	125	41043	11.45	18.8	
8	1-BUTENE	167	1189	0.32	0.5	
9	ISOBUTYLENE + T-2-BUTENE	196	1761	0.49	0.7	
10	ISOPENTANE	236	64972	18.13	29.8	
11	N-PENTANE	268	27913	7.79	12.8	
12	CYCLOPENTANE	298	4188	1.16	1.8	
13	1-PENTENE	345	483	0.13	0.1	
14	HEXANES	536	81244	22.67	37.3	

READY

METHANE - 2.71 PPM

SAMPLE DATE 10/04/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1243 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 6, 1400' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	24024	9.50	11.0
2	ETHYLENE	45	15750	6.22	7.1
3	ACETYLENE	51	19616	7.75	8.9
4	PROPANE	66	15336	6.06	7.0
5	PROPYLENE	79	2355	0.93	1.0
6	ISOBUTANE	109	9593	3.79	4.3
7	N-BUTANE	125	32124	12.70	14.7
8	1-BUTENE	167	402	0.15	0.1
9	ISOBUTYLENE + T-2-BUTENE	196	970	0.38	0.3
10	ISOPENTANE	236	49764	19.68	22.8
11	N-PENTANE	268	21394	8.46	9.8
12	CYCLOPENTANE	298	2976	1.17	1.3
13	HEXANES	536	58495	23.13	26.8

READY

METHANE - 2.45 PPM

*

SAMPLE DATE 10/04/73

SAMPLE ID A3,GC-202, 1300 HRS.

SAMPLE NAME SMOG#3,BAG 7, 4000'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	1505	7.05	0.6	
2	ETHYLENE	45	1800	8.44	0.7	
3	ACETYLENE	51	1392	6.52	0.6	
4	PROPANE	66	1428	6.69	0.6	
5	PROPYLENE	79	267	1.25	0.0	
6	ISOBUTANE	109	871	4.08	0.3	
7	N-BUTANE	125	2010	9.42	0.8	
8	ISOBUTYLENE + T-2-BUTENE	196	193	0.90	0.0	
9	ISOPENTANE	236	3190	14.95	1.4	
10	N-PENTANE	268	1846	8.65	0.7	
11	HEXANES	536	6821	31.98	3.1	

READY

METHANE - 1.80 PPM

*

SAMPLE DATE 10/04/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1307 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 8, 3000' PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5836	14.55	4.2	
2	ETHYLENE	45	3700	9.22	2.6	
3	ACETYLENE	51	3264	8.13	2.3	
4	PROPANE	66	4742	11.82	3.4	
5	PROPYLENE	79	988	2.46	0.7	
6	ISOBUTANE	109	2000	4.98	1.4	
7	N-BUTANE	125	5362	13.37	3.9	
8	1-BUTENE	167	65	0.16	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	266	0.66	0.1	
10	ISOPENTANE	236	6366	15.87	4.6	
11	N-PENTANE	268	2196	5.47	1.5	
12	HEXANES	536	5310	13.24	3.8	

READY

METHANE - 2.06 PPM

*

SAMPLE DATE 10/04/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1313 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 9, 2000' — PK NO BIG AREA 7

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	1197	10.37	0.5	
2	ETHYLENE	45	576	4.99	0.2	
3	ACETYLENE	51	867	7.51	0.3	
4	PROPANE	66	988	8.56	0.3	
5	PROPYLENE	79	378	3.27	0.1	
6	ISOBUTANE	109	1199	10.39	0.5	
7	N-BUTANE	125	2477	21.47	1.0	
8	ISOPENTANE	236	1409	12.21	0.6	
9	N-PENTANE	268	615	5.33	0.2	
10	HEXANES	536	1827	15.83	0.7	

READY

METHANE - 1.79 PPM

SAMPLE DATE 10/04/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1320 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 10, 1000' PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	12895	9.56	9.3	
2	ETHYLENE	45	10336	7.66	7.5	
3	ACETYLENE	51	11000	8.15	8.0	
4	PROPANE	66	15860	11.76	11.5	
5	PROPYLENE	79	2444	1.80	1.7	
6	ISOBUTANE	109	7866	5.83	5.7	
7	N-BUTANE	125	18851	13.98	13.7	
8	1-BUTENE	167	399	0.29	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	750	0.55	0.5	
10	ISOPENTANE	236	22820	16.92	16.6	
11	N-PENTANE	266	9277	6.87	6.7	
12	CYCLOPENTANE	298	507	0.37	0.3	
13	HEXANES	536	21836	16.19	15.9	

READY

METHANE - 2.56 PPM

*

SAMPLE DATE 10/04/73 | GC CHANNEL 1

SAMPLE ID A3,GC-660, 1421 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 11, 7500' | PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	875	15.01	0.6	
2	ETHYLENE	45	674	11.56	0.4	
3	ACETYLENE	51	471	8.08	0.3	
4	PROPANE	66	648	11.12	0.4	
5	PROPYLENE	79	311	5.33	0.1	
6	ISOBUTANE	109	124	2.12	0.0	
7	N-BUTANE	125	462	7.92	0.3	
8	1-BUTENE	167	16	0.27	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	147	2.52	0.0	
10	ISOPENTANE	236	473	8.11	0.3	
11	N-PENTANE	268	79	1.35	0.0	
12	HEXANES	536	1546	26.53	1.0	

READY

METHANE - 1.74 PPM

SAMPLE DATE 10/04/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1434 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 12, 6500' PK NO BIG AREA 1

PK NO REF PEAK 7

PNC	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	721	32.98	0.4	
2	ETHYLENE	45	162	7.40	0.0	
3	ACETYLENE	51	274	12.53	0.1	
4	PROPANE	66	304	13.90	0.1	
5	PROPYLENE	79	198	9.05	0.0	
6	ISOBUTANE	109	95	4.34	0.0	
7	N-BUTANE	125	2	0.08	0.0	
8	1-BUTENE	167	109	4.98	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	224	10.24	0.1	
10	ISOPENTANE	236	97	4.43	0.0	

READY

METHANE - 1.73 PPM

*

SAMPLE DATE 10/04/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1445 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 13, 5000' PK NO BIG AREA 1

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	643	24.93	0.4	
2	ETHYLENE	45	253	9.81	0.1	
3	ACETYLENE	51	306	11.86	0.1	
4	PROPANE	66	404	15.67	0.2	
5	PROPYLENE	79	121	4.69	0.0	
6	ISOBUTANE	109	92	3.56	0.0	
7	N-BUTANE	125	378	14.66	0.2	
8	ISOPENTANE	236	312	12.10	0.1	
9	N-PENTANE	268	69	2.67	0.0	

READY

METHANE - 1.73 PPM

*

SAMPLE DATE 10/04/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1453 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 14, 3500' — PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	2445	9.33	1.2	
2	ETHYLENE	45	1257	4.79	0.6	
3	ACETYLENE	51	1331	5.07	0.6	
4	PROPANE	66	1919	7.32	0.9	
5	PROPYLENE	79	218	0.83	0.0	
6	ISOBUTANE	109	809	3.08	0.3	
7	N-BUTANE	125	2476	9.44	1.2	
8	ISOPENTANE	236	3754	14.32	1.8	
9	N-PENTANE	268	1768	6.74	0.8	
10	HEXANES	536	10222	39.01	5.2	

READY

METHANE - 1.82 PPM

*

SAMPLE DATE 10/04/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1403 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,PAG 15, 200C' PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3589	9.54	1.6	
2	ETHYLENE	45	1725	4.58	0.7	
3	ACETYLENE	51	3428	9.11	1.5	
4	PROPANE	66	3925	10.44	1.7	
5	PROPYLENE	79	241	0.64	0.0	
6	ISOBUTANE	109	2182	5.80	0.9	
7	N-BUTANE	125	5630	14.97	2.5	
8	1-BUTENE	167	130	0.34	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	391	1.03	0.1	
10	ISOPENTANE	236	7062	18.78	3.2	
11	N-PENTANE	268	3093	8.22	1.4	
12	CYCLOPENTANE	298	341	0.90	0.1	
13	HEXANES	536	5858	15.57	2.6	

READY

METHANE - 1.89 PPM

SAMPLE DATE 10/05/73

SAMPLE ID A3, GC-660, 06-0800

SAMPLE NAME EL MONTE LAB

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13107	9.96	9.5	
2	ETHYLENE	45	8000	6.07	5.7	
3	ACETYLENE	51	9994	7.59	7.2	
4	PROPANE	66	12459	9.46	9.0	
5	PROPYLENE	79	3333	2.53	2.4	
6	PROPADIENE	93	270	0.20	0.1	
7	ISOBUTANE	109	6196	4.70	4.5	
8	N-BUTANE	125	16978	12.90	12.4	
9	1-BUTENE	167	624	0.47	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	1898	1.44	1.3	
11	ISOPENTANE	236	21907	16.65	16.0	
12	N-PENTANE	268	10470	7.95	7.6	
13	CYCLOPENTANE	298	838	0.63	0.5	
14	1-PENTENE	345	138	0.10	0.0	
15	HEXANES	536	25323	19.25	18.5	

READY

METHANE - 2.54 PPM

*

SAMPLE DATE 10/05/73 — GC CHANNEL 1

SAMPLE ID A3, GC-660, 08-1000 — REF. PEAK TIME 125

SAMPLE NAME EL MONTE LAB — PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	15707	10.42	11.4	
2	ETHYLENE	45	7608	5.04	5.5	
3	ACETYLENE	51	10100	6.70	7.3	
4	PROPANE	66	17816	11.81	12.9	
5	PROPYLENE	79	3829	2.53	2.7	
6	ISOBUTANE	109	8656	5.74	6.3	
7	N-BUTANE	125	20070	13.31	14.6	
8	1-BUTENE	167	807	0.53	0.5	
9	ISOBUTYLENE + T-2-BUTENE	196	1477	0.97	1.0	
10	ISOPENTANE	236	26152	17.35	19.0	
11	N-PENTANE	268	11553	7.66	8.4	
12	CYCLOPENTANE	298	848	0.56	0.5	
13	1-PENTENE	345	352	0.23	0.2	
14	HEXANES	536	25727	17.06	18.7	

READY

METHANE - 2.49 PPM

*

SAMPLE DATE 10/05/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 10-1200 — REF. PEAK TIME 125

SAMPLE NAME EL MONTE LAB — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	21024	11.22	10.7	
2	ETHYLENE	45	12375	6.60	6.3	
3	ACETYLENE	51	11490	6.13	5.8	
4	PROPANE	66	21859	11.67	11.1	
5	PROPYLENE	79	2917	1.55	1.4	
6	ISOBUTANE	109	9786	5.22	5.0	
7	N-BUTANE	125	23775	12.69	12.1	
8	1-BUTENE	167	694	0.36	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1232	0.65	0.6	
10	ISOPENTANE	236	30838	16.46	15.7	
11	N-PENTANE	268	14903	7.95	7.6	
12	CYCLOPENTANE	298	2323	1.23	1.1	
13	HEXANES	536	34020	18.16	17.4	

READY

METHANE - 2.37 PPM

*

SAMPLE DATE 10/05/73 GC CHANNEL 1

SAMPLE ID A3, GC-202, 12-1400 REF. PEAK TIME 125

SAMPLE NAME EL MONTE LAB PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	15903	11.21	8.1	
2	ETHYLENE	45	8187	5.77	4.1	
3	ACETYLENE	51	7915	5.58	4.0	
4	PROPANE	66	16299	11.49	8.3	
5	PROPYLENE	79	1463	1.03	0.7	
6	ISOBUTANE	109	8887	6.26	4.5	
7	N-BUTANE	125	20880	14.73	10.7	
8	1-BUTENE	167	352	0.24	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	577	0.40	0.2	
10	ISOPENTANE	236	24626	17.37	12.5	
11	N-PENTANE	268	11721	8.27	6.0	
12	CYCLOPENTANE	298	1526	1.07	0.7	
13	HEXANES	536	23377	16.49	11.9	

READY

METHANE - 2.12 PPM

*

SAMPLE DATE	10/05/73	GC CHANNEL	1
SAMPLE ID	A3,GC-660, 14-1600	REF. PEAK TIME	125
SAMPLE NAME	EL MONTE LAB	PK NO BIG AREA	10
		PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	5271	6.27	3.7	
2	ETHYLENE	45	2555	3.03	1.7	
3	ACETYLENE	51	4019	4.78	2.8	
4	PROPANE	66	9580	11.40	6.8	
5	PROPYLENE	79	1208	1.43	0.8	
6	ISOBUTANE	109	4138	4.92	2.9	
7	N-BUTANE	125	13831	16.46	9.9	
8	1-BUTENE	167	153	0.18	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	285	0.33	0.1	
10	ISOPENTANE	236	17697	21.06	12.7	
11	N-PENTANE	268	7589	9.03	5.4	
12	CYCLOPENTANE	298	405	0.48	0.2	
13	1-PENTENE	345	419	0.49	0.2	
14	HEXANES	536	16835	20.04	12.1	

READY

METHANE - 1.95 PPM

*

SAMPLE DATE 10/05/73

SAMPLE ID A3,GC-660, 16-1800

SAMPLE NAME EL MONTE LAB

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	9385	15.16	6.7
2	ETHYLENE	45	3578	5.78	2.5
3	ACETYLENE	51	3466	5.59	2.5
4	PROPANE	66	7063	11.41	5.0
5	PROPYLENE	79	984	1.58	0.7
6	PROPADIENE	93	80	0.12	0.0
7	ISOBUTANE	109	2787	4.50	1.9
8	N-BUTANE	125	7134	11.52	5.0
9	1-BUTENE	167	274	0.44	0.1
10	ISOBUTYLENE + T-2-BUTENE	196	668	1.07	0.4
11	ISOPENTANE	236	9850	15.91	7.1
12	N-PENTANE	268	4982	8.04	3.5
13	CYCLOPENTANE	298	300	0.48	0.1
14	1-PENTENE	345	48	0.07	0.0
15	HEXANES	536	11296	18.24	8.1

READY

METHANE - 2.09 PPM

*

SAMPLE DATE 10/05/73

SAMPLE ID A3,GC-660, 0930 HRS.

SAMPLE NAME ARB VAN, DOWNEY

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6865	8.37	4.9	
2	ETHYLENE	45	5952	7.26	4.2	
3	ACETYLENE	51	6774	8.26	4.8	
4	PROPANE	66	7410	9.04	5.3	
5	PROPYLENE	79	2346	2.86	1.6	
6	PROPADIENE	93	70	0.08	0.0	
7	ISOBUTANE	109	3625	4.42	2.5	
8	N-BUTANE	125	10085	12.30	7.2	
9	1-BUTENE	167	560	0.68	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	1515	1.84	1.0	
11	ISOPENTANE	236	14528	17.73	10.4	
12	N-PENTANE	268	6942	8.47	5.0	
13	CYCLOPENTANE	298	594	0.72	0.3	
14	HEXANES	536	14655	17.88	10.5	

READY

METHANE - 2.03 PPM

*

SAMPLE DATE 10/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-66C, 1030 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, DOWNEY PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8633	10.22	6.1	
2	ETHYLENE	45	6111	7.23	4.3	
3	ACETYLENE	51	7219	8.55	5.1	
4	PROPANE	66	10742	12.72	7.7	
5	PROPYLENE	79	2395	2.83	1.7	
6	PROPADIENE	93	51	0.05	0.0	
7	ISOBUTANE	109	4225	5.00	3.0	
8	N-BUTANE	125	11279	13.36	8.1	
9	1-BUTENE	167	395	0.46	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	1168	1.38	0.7	
11	ISOPENTANE	236	12514	14.82	8.9	
12	N-PENTANE	268	5821	6.89	4.1	
13	CYCLOPENTANE	298	76	0.08	0.0	
14	HEXANES	536	13779	16.32	9.9	

READY

METHANE - 2.08 PPM

*

SAMPLE DATE 10/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1130 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, DOWNEY PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8426	7.14	6.0	
2	ETHYLENE	45	9302	7.89	6.7	
3	ACETYLENE	51	12600	10.69	9.0	
4	PROPANE	66	10162	8.62	7.2	
5	PROPYLENE	79	3891	3.29	2.7	
6	PROPADIENE	93	276	0.23	0.1	
7	ISOBUTANE	109	5240	4.44	3.7	
8	N-BUTANE	125	14988	12.71	10.7	
9	1-BUTENE	167	629	0.53	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	2243	1.90	1.5	
11	ISOPENTANE	236	19577	16.60	14.1	
12	N-PENTANE	268	9168	7.77	6.5	
13	CYCLOPENTANE	298	760	0.64	0.5	
14	1-PENTENE	345	100	0.08	0.0	
15	HEXANES	536	20496	17.38	14.7	

READY

METHANE - 2.07 PPM

*

SAMPLE DATE 10/05/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1300 HRS. — REF. PEAK TIME 125

SAMPLE NAME ARB VAN, COMMERCE — PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9649	5.71	6.9	
2	ETHYLENE	45	14968	8.87	10.7	
3	ACETYLENE	51	24023	14.23	17.3	
4	PROPANE	66	10924	6.47	7.8	
5	PROPYLENE	79	6631	3.93	4.7	
6	PROPADIENE	93	524	0.30	0.3	
7	ISOBUTANE	109	5650	3.34	4.0	
8	N-BUTANE	125	18280	10.83	13.2	
9	1-BUTENE	167	1376	0.81	0.9	
10	ISOBUTYLENE + T-2-BUTENE	196	4005	2.37	2.8	
11	ISOPENTANE	236	26534	15.72	19.1	
12	N-PENTANE	268	13392	7.93	9.6	
13	CYCLOPENTANE	298	1241	0.73	0.8	
14	1-PENTENE	345	708	0.41	0.4	
15	HEXANES	536	30783	18.24	22.1	

READY

METHANE - 2.13 PPM

*

SAMPLE DATE 10/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1325 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, EAST L.A. PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9345	6.72	6.7	
2	ETHYLENE	45	10511	7.56	7.5	
3	ACETYLENE	51	18161	13.07	13.0	
4	PROPANE	66	10340	7.44	7.4	
5	PROPYLENE	79	4177	3.00	2.9	
6	PROPADIENE	93	231	0.16	0.1	
7	ISOBUTANE	109	4678	3.36	3.3	
8	N-BUTANE	125	14806	10.65	10.6	
9	1-BUTENE	167	902	0.64	0.6	
10	ISOBUTYLENE + T-2-BUTENE	196	2569	1.84	1.7	
11	ISOPENTANE	236	22440	16.14	16.1	
12	N-PENTANE	268	15506	11.16	11.1	
13	CYCLOPENTANE	298	716	0.51	0.4	
14	1-PENTENE	345	168	0.11	0.0	
15	HEXANES	536	24384	17.55	17.5	

READY

METHANE - 2.12 PPM

*

SAMPLE DATE 10/05/73

SAMPLE ID A3,GC-660, 1430 HRS.

SAMPLE NAME ARB VAN, SAN MARINO

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8220	9.21	5.9	
2	ETHYLENE	45	5881	6.59	4.2	
3	ACETYLENE	51	7852	8.80	5.6	
4	PROPANE	66	9549	10.70	6.8	
5	PROPYLENE	79	2040	2.28	1.4	
6	ISOBUTANE	109	3904	4.37	2.8	
7	N-BUTANE	125	11593	13.00	8.3	
8	1-BUTENE	167	272	0.30	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	1086	1.21	0.7	
10	ISOPENTANE	236	14539	16.30	10.4	
11	N-PENTANE	268	7240	8.11	5.1	
12	CYCLOPENTANE	298	398	0.44	0.2	
13	HEXANES	536	16597	18.60	11.9	

READY

METHANE - 2.10 PPM

*

SAMPLE DATE 10/05/73

SAMPLE ID A3,GC-660, 1435 HRS.

SAMPLE NAME ARB VAN, ALTADENA

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8782	9.27	6.3	
2	ETHYLENE	45	6429	6.79	4.6	
3	ACETYLENE	51	7844	8.28	5.6	
4	PROPANE	66	10795	11.40	7.7	
5	PROPYLENE	79	2089	2.20	1.4	
6	PROPADIENE	93	70	0.07	0.0	
7	ISOBUTANE	109	4196	4.43	2.9	
8	N-BUTANE	125	12450	13.15	8.9	
9	1-BUTENE	167	298	0.31	0.1	
10	ISOBUTYLENE + T-2-BUTENE	196	1002	1.05	0.7	
11	ISOPENTANE	236	15545	16.42	11.1	
12	N-PENTANE	268	7536	7.96	5.3	
13	CYCLOPENTANE	298	379	0.39	0.2	
14	1-PENTENE	345	41	0.04	0.0	
15	HEXANES	536	17191	18.16	12.3	

READY

METHANE - 2.07 PPM

*

SAMPLE DATE 10/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1410 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOC#3, BAG 1, 1150' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	7906	8.13	4.0
2	ETHYLENE	45	7197	7.40	3.6
3	ACETYLENE	51	5381	5.53	2.7
4	PROPANE	66	12041	12.39	6.1
5	PROPYLENE	79	844	0.86	0.3
6	ISOBUTANE	109	5796	5.96	2.9
7	N-BUTANE	125	14753	15.19	7.5
8	1-BUTENE	167	336	0.34	0.1
9	ISOBUTYLENE + T-2-BUTENE	196	457	0.46	0.2
10	ISOPENTANE	236	15029	15.47	7.6
11	N-PENTANE	268	7520	7.74	3.8
12	CYCLOPENTANE	298	83	0.08	0.0
13	HEXANES	536	19765	20.35	10.1

READY

METHANE - 1.98 PPM

*

SAMPLE DATE 10/05/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1419 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 2, 1150' — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	12433	11.46	6.3	
2	ETHYLENE	45	8771	8.08	4.4	
3	ACETYLENE	51	5978	5.51	3.0	
4	PROPANE	66	13121	12.10	6.7	
5	PROPYLENE	79	1375	1.26	0.7	
6	ISOBUTANE	109	5579	5.14	2.8	
7	N-BUTANE	125	14412	13.29	7.3	
8	1-BUTENE	16[illegible]	226	0.20	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	336	0.30	0.1	
10	ISOPENTANE	236	16094	14.84	8.2	
11	N-PENTANE	268	8367	7.71	4.2	
12	CYCLOPENTANE	298	1041	0.95	0.4	
13	HEXANES	536	20690	19.08	10.6	

READY

METHANE - 2.01 PPM

SAMPLE DATE 10/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1428 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 3, 1000' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	13598	10.89	6.9	
2	ETHYLENE	45	8612	6.89	4.3	
3	ACETYLENE	51	7618	6.10	3.9	
4	PROPANE	66	14075	11.27	7.1	
5	PROPYLENE	79	1337	1.06	0.6	
6	ISOBUTANE	109	6505	5.20	3.2	
7	N-BUTANE	125	17466	13.98	8.9	
8	1-BUTENE	167	222	0.17	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	442	0.35	0.1	
10	ISOPENTANE	236	19090	15.29	9.7	
11	N-PENTANE	268	10736	8.59	5.4	
12	CYCLOPENTANE	298	1587	1.26	0.7	
13	HEXANES	536	23539	18.85	12.0	

READY

METHANE - 2.09 PPM

*

SAMPLE DATE 10/05/73

SAMPLE ID A3,GC-202, 1437 HRS.

SAMPLE NAME SMOG#3,BAG 4, 1200'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	15713	11.90	8.0
2	ETHYLENE	45	7950	6.02	4.0
3	ACETYLENE	51	8857	6.71	4.5
4	PROPANE	66	16746	12.68	8.5
5	PROPYLENE	79	1640	1.24	0.7
6	ISOBUTANE	109	7042	5.33	3.5
7	N-BUTANE	125	18438	13.97	9.4
8	1-BUTENE	167	169	0.12	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	761	0.57	0.3
10	ISOPENTANE	236	19842	15.03	10.1
11	N-PENTANE	268	10333	7.83	5.2
12	CYCLOPENTANE	298	1175	0.88	0.5
13	HEXANES	536	23282	17.64	11.9

READY

METHANE - 2.06 PPM

SAMPLE DATE 10/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1445 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 5, 1500' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	16565	11.51	8.4
2	ETHYLENE	45	10943	7.60	5.5
3	ACETYLENE	51	11265	7.83	5.7
4	PROPANE	66	19124	13.29	9.7
5	PROPYLENE	79	2045	1.41	1.0
6	ISOBUTANE	109	7131	4.95	3.5
7	N-BUTANE	125	19144	13.30	9.7
8	1-BUTENE	167	205	0.14	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	570	0.39	0.2
10	ISOPENTANE	236	20212	14.05	10.3
11	N-PENTANE	268	10076	7.00	5.1
12	CYCLOPENTANE	298	772	0.53	0.3
13	HEXANES	536	25791	17.92	13.2

READY

METHANE - 2.07 PPM

SAMPLE DATE 10/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1306 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 2 PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10767	11.31	6.3	
2	ETHYLENE	45	5194	5.45	3.0	
3	ACETYLENE	51	6165	6.48	3.5	
4	PROPANE	66	15190	15.96	8.9	
5	PROPYLENE	79	1693	1.77	0.9	
6	ISOBUTANE	109	4965	5.21	2.8	
7	N-BUTANE	125	13279	13.96	7.8	
8	1-BUTENE	167	85	0.08	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	415	0.43	0.2	
10	ISOPENTANE	236	12404	13.04	7.3	
11	N-PENTANE	268	6465	6.79	3.8	
12	HEXANES	536	18484	19.43	10.9	

READY

METHANE - 2.02 PPM

*

SAMPLE DATE 10/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1314 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 3 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11363	12.06	6.7	
2	ETHYLENE	45	7649	8.10	4.5	
3	ACETYLENE	51	5835	6.18	3.4	
4	PROPANE	66	13532	14.34	7.9	
5	PROPYLENE	79	1778	1.88	1.0	
6	ISOBUTANE	109	5228	5.53	3.0	
7	N-BUTANE	125	13650	14.46	8.0	
8	1-BUTENE	167	228	0.24	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	375	0.39	0.1	
10	ISOPENTANE	236	12933	13.70	7.6	
11	N-PENTANE	268	5837	6.18	3.4	
12	CYCLOPENTANE	298	127	0.13	0.0	
13	HEXANES	536	15802	16.74	9.3	

READY

METHANE - 2.03 PPM

*

SAMPLE DATE 10/05/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 1323 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4 | PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	17522	15.10	8.6	
2	ETHYLENE	45	7792	6.71	3.8	
3	ACETYLENE	51	6923	5.96	3.4	
4	PROPANE	66	14894	12.83	7.3	
5	PROPYLENE	79	1714	1.47	0.7	
6	ISOBUTANE	109	5678	4.89	2.8	
7	N-BUTANE	125	14456	12.45	7.1	
8	1-BUTENE	167	268	0.22	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	573	0.49	0.2	
10	ISOPENTANE	236	15016	12.93	7.4	
11	N-PENTANE	268	7643	6.58	3.7	
12	HEXANES	536	23553	20.29	11.7	

READY

METHANE - 2.07 PPM

*

SAMPLE DATE 10/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1330 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 5 PK NO BIG AREA 7

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	14036	13.21	6.9
2	ETHYLENE	45	6638	6.25	3.2
3	ACETYLENE	51	5148	4.84	2.5
4	PROPANE	66	13897	13.08	6.8
5	PROPYLENE	79	563	0.52	0.2
6	ISOBUTANE	109	6209	5.84	3.0
7	N-BUTANE	125	16432	15.47	8.1
8	1-BUTENE	167	351	0.32	0.1
9	ISOBUTYLENE + T-2-BUTENE	196	683	0.64	0.3
10	ISOPENTANE	236	16427	15.46	8.1
11	N-PENTANE	268	8769	8.25	4.2
12	CYCLOPENTANE	298	1398	1.31	0.6
13	HEXANES	536	15637	14.72	7.7

READY

METHANE - 2.07 PPM

*

SAMPLE DATE 10/05/73

SAMPLE ID A3,GC-202, ???? HRS.

SAMPLE NAME SMOG#2,BAG 6

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	10521	13.55	5.2
2	ETHYLENE	45	7254	9.34	3.5
3	ACETYLENE	51	4270	5.50	2.1
4	PROPANE	66	8813	11.35	4.3
5	PROPYLENE	79	510	0.65	0.2
6	ISOBUTANE	109	3947	5.08	1.9
7	N-BUTANE	125	1023C	13.18	5.0
8	ISOBUTYLENE + T-2-BUTENE	196	331	0.42	0.1
9	ISOPENTANE	236	11416	14.71	5.6
10	N-PENTANE	268	6058	7.80	2.9
11	HEXANES	536	14240	18.35	7.0

READY

METHANE - 1.92 PPM

*

SAMPLE DATE 10/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 7 PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	2810	19.19	1.6	
2	ETHYLENE	45	3072	20.98	1.7	
3	ACETYLENE	51	1097	7.49	0.6	
4	PROPANE	66	1868	12.75	1.0	
5	PROPYLENE	79	308	2.10	0.1	
6	ISOBUTANE	109	578	3.94	0.3	
7	N-BUTANE	125	1482	10.12	0.8	
8	ISOPENTANE	236	1288	8.79	0.7	
9	N-PENTANE	268	610	4.16	0.3	
10	HEXANES	536	1524	10.40	0.8	

READY

METHANE - 1.76 PPM

*

SAMPLE DATE 10/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 8 PK NO BIG AREA 1

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4876	21.13	2.4	
2	ETHYLENE	45	3203	13.87	1.5	
3	ACETYLENE	51	1757	7.61	0.8	
4	PROPANE	66	3041	13.17	1.4	
5	PROPYLENE	79	99	0.42	0.0	
6	ISOBUTANE	109	1159	5.02	0.5	
7	N-BUTANE	125	2651	11.48	1.2	
8	1-BUTENE	167	152	0.65	0.0	
9	ISOPENTANE	236	2380	10.31	1.1	
10	N-PENTANE	268	1023	4.43	0.4	
11	HEXANES	536	2733	11.84	1.3	

READY

METHANE - 1.82 PPM

*

SAMPLE DATE 10/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 9 PK NO BIG AREA 1

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	1455	23.74	0.8	
2	ETHYLENE	45	906	14.78	0.4	
3	ACETYLENE	51	531	8.66	0.3	
4	PROPANE	66	918	14.98	0.4	
5	PROPYLENE	79	56	0.91	0.0	
6	ISOBUTANE	109	243	3.96	0.0	
7	N-BUTANE	125	703	11.47	0.3	
8	ISOPENTANE	236	438	7.14	0.2	
9	N-PENTANE	268	51	0.83	0.0	
10	HEXANES	536	825	13.46	0.4	

READY

METHANE - 1.76 PPM

*

SAMPLE DATE 10/05/73 | GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 10 | PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3719	11.76	2.1	
2	ETHYLENE	45	2413	7.63	1.4	
3	ACETYLENE	51	2282	7.22	1.3	
4	PROPANE	66	4249	13.44	2.5	
5	PROPYLENE	79	629	1.98	0.3	
6	ISOBUTANE	109	2646	8.37	1.5	
7	N-BUTANE	125	4592	14.52	2.6	
8	1-BUTENE	167	92	0.28	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	107	0.33	0.0	
10	ISOPENTANE	236	4857	15.36	2.8	
11	N-PENTANE	268	1730	5.47	1.0	
12	HEXANES	536	4285	13.55	2.5	

READY

METHANE - 1.88 PPM

*

SAMPLE DATE 10/09/73

SAMPLE ID A3,GC-660, 06-0800

SAMPLE NAME EL MONTE LAB

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

NO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	17207	11.48	10.1
2	ETHYLENE	45	14529	9.69	8.5
3	ACETYLENE	51	16706	11.14	9.8
4	PROPANE	66	12376	8.25	7.3
5	PROPYLENE	79	6696	4.46	3.9
6	PROPADIENE	93	350	0.23	0.1
7	ISOBUTANE	109	3527	2.35	2.0
8	N-BUTANE	125	12402	8.27	7.3
9	1-BUTENE	167	1184	0.78	0.6
10	ISOBUTYLENE + T-2-BUTENE	196	4050	2.70	2.3
11	ISOPENTANE	236	23152	15.44	13.6
12	N-PENTANE	268	9601	6.40	5.6
13	CYCLOPENTANE	298	782	0.52	0.3
14	HEXANES	536	27284	18.20	16.1

READY

METHANE -

*

SAMPLE DATE 10/09/73

SAMPLE ID A3,GC-202, 08-1000

SAMPLE NAME EL MONTE LAB

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14421	10.63	7.1	
2	ETHYLENE	45	13996	10.32	6.9	
3	ACETYLENE	51	12713	9.37	6.2	
4	PROPANE	66	8671	6.39	4.2	
5	PROPYLENE	79	3597	2.65	1.7	
6	ISOBUTANE	109	3886	2.86	1.8	
7	N-BUTANE	125	12526	9.23	6.1	
8	1-BUTENE	167	725	0.53	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	2382	1.75	1.1	
10	ISOPENTANE	236	23164	17.08	11.4	
11	N-PENTANE	268	10865	8.01	5.3	
12	CYCLOPENTANE	298	2705	1.99	1.3	
13	HEXANES	536	25932	19.12	12.8	

READY

METHANE - 2.20 PPM

*

SAMPLE DATE 10/09/73

SAMPLE ID A3,GC-202, 10-1200

SAMPLE NAME EL MONTE LAB

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3784	9.62	1.8	
2	ETHYLENE	45	3443	8.75	1.6	
3	ACETYLENE	51	2515	6.39	1.2	
4	PROPANE	66	3487	8.86	1.7	
5	PROPYLENE	79	919	2.33	0.3	
6	ISOBUTANE	109	1637	4.16	0.7	
7	N-BUTANE	125	4644	11.81	2.2	
8	ISOBUTYLENE + T-2-BUTENE	196	311	0.79	0.0	
9	ISOPENTANE	236	6521	16.58	3.2	
10	N-PENTANE	268	2548	6.48	1.2	
11	HEXANES	536	9498	24.16	4.6	

READY

METHANE - 2.08 PPM

*

SAMPLE DATE 10/09/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 12-1400 REF. PEAK TIME 125

SAMPLE NAME EL MONTE LAB PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5199	12.47	3.0	
2	ETHYLENE	45	2410	5.78	1.4	
3	ACETYLENE	51	1804	4.32	1.0	
4	PROPANE	66	4324	10.37	2.5	
5	PROPYLENE	79	590	1.41	0.3	
6	ISOBUTANE	109	1929	4.62	1.0	
7	N-BUTANE	125	5872	14.08	3.4	
8	1-BUTENE	167	62	0.14	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	166	0.39	0.0	
10	ISOPENTANE	236	8028	19.25	4.7	
11	N-PENTANE	268	3518	8.43	2.0	
12	HEXANES	536	7778	18.65	4.6	

READY

METHANE - 1.95 PPM

*

SAMPLE DATE 10/09/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1028 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 1, 1500' PK NO BIG AREA 4

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	2538	13.72	1.4	
2	ETHYLENE	45	1447	7.82	0.7	
3	ACETYLENE	51	1018	5.50	0.5	
4	PROPANE	66	3039	16.43	1.7	
5	PROPYLENE	79	402	2.17	0.2	
6	ISOBUTANE	109	1272	6.87	0.7	
7	N-BUTANE	125	2695	14.57	1.5	
8	ISOPENTANE	236	2605	14.08	1.4	
9	N-PENTANE	268	833	4.50	0.4	
10	CYCLOPENTANE	298	89	0.47	0.0	
11	HEXANES	536	2550	13.79	1.4	

READY

METHANE - 1.82 PPM

*

SAMPLE DATE 10/09/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 1051 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 2, 1500' | PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	1394	7.59	0.6	
2	ETHYLENE	45	3053	16.62	1.4	
3	ACETYLENE	51	403	2.19	0.1	
4	PROPANE	66	2693	14.66	1.3	
5	PROPYLENE	79	257	1.39	0.0	
6	ISOBUTANE	109	1011	5.50	0.4	
7	N-BUTANE	125	2385	12.99	1.1	
8	ISOPENTANE	236	2766	15.06	1.3	
9	N-PENTANE	268	1007	5.48	0.4	
10	HEXANES	536	3388	18.45	1.6	

READY

METHANE - 1.73 PPM

SAMPLE DATE 10/09/73

SAMPLE ID A3,GC-660, 1056 HRS.

SAMPLE NAME SMOG#2,BAG 3, 1500'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3539	11.25	1.9	
2	ETHYLENE	45	8794	27.97	4.9	
3	ACETYLENE	51	1976	6.28	1.0	
4	PROPANE	66	3488	11.09	1.9	
5	PROPYLENE	79	953	3.03	0.4	
6	ISOBUTANE	109	1303	4.14	0.7	
7	N-BUTANE	125	2996	9.53	1.6	
8	ISOBUTYLENE + T-2-BUTENE	196	242	0.76	0.0	
9	ISOPENTANE	236	3317	10.54	1.7	
10	N-PENTANE	268	1159	3.68	0.6	
11	HEXANES	536	3667	11.66	2.0	

READY

METHANE - 1.79 PPM

SAMPLE DATE 10/09/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1102 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4, 1500' PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	2204	10.84	1.1	
2	ETHYLENE	45	2786	13.71	1.5	
3	ACETYLENE	51	995	4.89	0.5	
4	PROPANE	66	2443	12.02	1.3	
5	PROPYLENE	79	211	1.03	0.0	
6	ISOBUTANE	109	925	4.55	0.4	
7	N-BUTANE	125	2261	11.12	1.2	
8	ISOPENTANE	236	2429	11.95	1.3	
9	N-PENTANE	268	734	3.61	0.3	
10	HEXANES	536	5329	26.22	2.9	

READY

METHANE - 1.76 PPM

SAMPLE DATE 10/09/73

SAMPLE ID A3,GC-660, 1006 HRS.

SAMPLE NAME SMOG#3,BAG 1, 1600'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 4

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	2678	14.86	1.5
2	ETHYLENE	45	866	4.80	0.4
3	ACETYLENE	51	790	4.38	0.4
4	PROPANE	66	3128	17.36	1.7
5	PROPYLENE	79	444	2.46	0.2
6	ISOBUTANE	109	1186	6.58	0.7
7	N-BUTANE	125	2596	14.41	1.4
8	ISOPENTANE	236	2666	14.79	1.5
9	N-PENTANE	268	914	5.07	0.4
10	HEXANES	536	2745	15.23	1.5

READY

METHANE - 1.79 PPM

SAMPLE DATE 10/09/73 — GC CHANNEL 1

SAMPLE ID AS,GC-660, 1F12 HPS. — REF. PEAK TIME 125

SAMPLE NAME S400#3,BAG 2 — PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	3484	9.58	1.9	
2	ETHYLENE	45	11037	30.35	6.1	
3	ACETYLENE	51	902	2.48	0.4	
4	PROPANE	66	3780	10.39	2.1	
5	PROPYLENE	79	664	1.82	0.3	
6	ISOBUTANE	109	1563	4.29	0.8	
7	N-BUTANE	125	3464	9.52	1.8	
8	ISOBUTYLENE + T-2-BUTENE	196	149	0.40	0.0	
9	ISOPENTANE	236	4201	11.55	2.3	
10	N-PENTANE	268	1847	5.07	1.0	
11	HEXANES	536	5262	14.47	2.8	

READY

METHANE - 1.82 PPM

SAMPLE DATE 10/09/73

SAMPLE ID A3,GC-LOG, 1024 HRS.

SAMPLE NAME S100#3,BAG 3

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 2

PK NO REF PEAK 7

NO	COMPOUND NAME	TIME	AREA	WT%	PPMC VOL.%
1	ETHANE	40	2486	8.93	1.0
2	ETHYLENE	45	7695	27.67	3.4
3	ACETYLENE	51	925	3.32	0.3
4	PROPANE	66	2855	10.26	1.2
5	PROPYLENE	79	436	1.57	0.1
6	ISOBUTANE	109	1282	4.60	0.5
7	N-BUTANE	125	2975	10.69	1.3
8	ISOBUTYLENE + T-2-BUTENE	196	332	1.19	0.0
9	ISOPENTANE	236	3307	11.89	1.4
10	N-PENTANE	268	1423	5.11	0.6
11	HEXANES	536	4086	14.69	1.7

METHANE - 1.7? PPM

Reproduced from best available copy.

SAMPLE DATE 10/09/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME S10G#3,BAG 4 PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC VOL.%
1	ETHANE	40	2591	11.66	1.4
2	ETHYLENE	45	6211	27.96	3.4
3	ACETYLENE	51	1118	5.03	0.6
4	PROPANE	66	2487	11.19	1.3
5	PROPYLENE	79	304	1.36	0.1
6	ISOBUTANE	109	1034	4.65	0.5
7	N-BUTANE	125	2449	11.02	1.3
8	ISOPENTANE	236	2071	9.32	1.0
9	N-PENTANE	268	808	3.63	0.3
10	HEXANES	536	3140	14.13	1.7

READY

METHANE - 1.79 PPM

SAMPLE DATE 10/09/73

SAMPLE ID A3,GC-202, 1051 HRS.

SAMPLE NAME SMOG#3,BAG 5

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	2908	6.95	1.1
2	ETHYLENE	45	12378	29.60	5.3
3	ACETYLENE	51	1267	3.03	0.4
4	PROPANE	66	3172	7.58	1.3
5	PROPYLENE	79	335	0.79	0.0
6	ISOBUTANE	109	1305	3.11	0.5
7	N-BUTANE	125	3173	7.58	1.3
8	ISOBUTYLENE + T-2-BUTENE	196	492	1.17	0.1
9	ISOPENTANE	236	4816	11.52	2.0
10	N-PENTANE	268	2193	5.24	0.9
11	CYCLOPENTANE	298	630	1.50	0.2
12	HEXANES	536	9133	21.84	3.9

READY

METHANE - 1.73 PPM

SAMPLE DATE 10/10/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 0918 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 1, 1125' — PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	3935	8.24	1.6
2	ETHYLENE	45	11408	23.91	4.8
3	ACETYLENE	51	1533	3.21	0.6
4	PROPANE	66	5239	10.98	2.1
5	PROPYLENE	79	906	1.89	0.3
6	ISOBUTANE	109	2541	5.32	1.0
7	N-BUTANE	125	5207	10.91	2.1
8	1-BUTENE	167	339	0.70	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	157	0.32	0.0
10	ISOPENTANE	236	5194	10.88	2.1
11	N-PENTANE	268	2119	4.44	0.8
12	HEXANES	536	9133	19.14	3.9

READY

METHANE - 1.93 PPM

SAMPLE DATE 10/10/73 GC CHANNEL 1

SAMPLE ID A3,UC-202, 0926 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 2, 825' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	4249	8.34	1.7
2	ETHYLENE	45	4554	8.94	1.9
3	ACETYLENE	51	1421	2.78	0.5
4	PROPANE	66	5580	10.96	2.3
5	PROPYLENE	79	737	1.44	0.3
6	ISOBUTANE	109	3680	7.22	1.5
7	N-BUTANE	125	7320	14.37	3.1
8	1-BUTENE	167	281	0.54	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	249	0.48	0.0
10	ISOPENTANE	236	7733	15.19	3.2
11	N-PENTANE	268	4275	8.39	1.7
12	CYCLOPENTANE	298	500	0.97	0.1
13	HEXANES	536	10321	20.27	4.3

READY

METHANE - 1.87 PPM

SAMPLE DATE 10/10/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0933 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 3, 525' PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	13640	7.54	5.8	
2	ETHYLENE	45	34972	19.34	15.0	
3	ACETYLENE	51	12055	6.66	5.1	
4	PROPANE	66	17353	9.60	7.4	
5	PROPYLENE	79	3863	2.13	1.6	
6	ISOBUTANE	109	7396	4.08	3.1	
7	N-BUTANE	125	17783	9.83	7.5	
8	1-BUTENE	167	651	0.36	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	1447	0.79	0.5	
10	ISOPENTANE	236	24255	13.41	10.3	
11	N-PENTANE	268	11123	6.15	4.7	
12	CYCLOPENTANE	298	1350	0.74	0.5	
13	HEXANES	536	34838	19.27	14.9	

READY

METHANE - 2.28 PPM

SAMPLE DATE 10/10/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0941 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4, 275' PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	10465	8.30	4.4
2	ETHYLENE	45	9762	7.74	4.1
3	ACETYLENE	51	7424	5.88	3.1
4	PROPANE	66	13981	11.09	5.9
5	PROPYLENE	79	1714	1.35	0.7
6	ISOBUTANE	109	7636	6.05	3.2
7	N-BUTANE	125	16354	12.97	6.9
8	1-BUTENE	167	759	0.60	0.3
9	ISOBUTYLENE + T-2-BUTENE	196	1303	1.03	0.5
10	ISOPENTANE	236	20268	16.08	8.6
11	N-PENTANE	268	9988	7.92	4.2
12	CYCLOPENTANE	298	1630	1.29	0.6
13	1-PENTENE	345	200	0.15	0.0
14	HEXANES	536	24535	19.46	10.4

READY

METHANE = 2.18 PPM

*

SAMPLE DATE 10/10/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0948 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 5, 525' PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	10066	8.38	4.2
2	ETHYLENE	45	10018	8.34	4.2
3	ACETYLENE	51	7118	5.92	3.0
4	PROPANE	66	12853	10.70	5.4
5	PROPYLENE	79	2739	2.27	1.1
6	ISOBUTANE	109	6235	5.19	2.6
7	N-BUTANE	125	13889	11.57	5.9
8	1-BUTENE	167	799	0.66	0.3
9	ISOBUTYLENE + T-2-BUTENE	196	1383	1.15	0.5
10	ISOPENTANE	236	18283	15.23	7.8
11	N-PENTANE	268	9290	7.73	3.9
12	CYCLOPENTANE	298	650	0.54	0.2
13	1-PENTENE	345	230	0.18	0.0
14	HEXANES	536	26450	22.03	11.3

READY

METHANE - 2.15 PPM

*

SAMPLE DATE 10/10/73

SAMPLE ID A3,GC-202, 1128 HRS.

SAMPLE NAME SMOG#2,BAG 6, 1000'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6436	6.97	2.7	
2	ETHYLENE	45	5060	5.48	2.1	
3	ACETYLENE	51	3422	3.71	1.4	
4	PROPANE	66	11474	12.44	4.9	
5	PROPYLENE	79	1067	1.15	0.3	
6	ISOBUTANE	109	6196	6.71	2.6	
7	N-BUTANE	125	12617	13.68	5.3	
8	1-BUTENE	167	355	0.38	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	455	0.49	0.1	
10	ISOPENTANE	236	14787	16.04	6.3	
11	N-PENTANE	268	9130	9.90	3.9	
12	CYCLOPENTANE	298	2015	2.18	0.8	
13	HEXANES	536	19166	20.79	8.2	

READY

METHANE - 1.90 PPM

SAMPLE DATE 10/10/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 1136 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 7, 775' | PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5121	5.52	2.1	
2	ETHYLENE	45	17865	19.28	7.6	
3	ACETYLENE	51	3869	4.17	1.6	
4	PROPANE	66	8605	9.28	3.6	
5	PROPYLENE	79	1140	1.22	0.4	
6	ISOBUTANE	109	4691	5.06	1.9	
7	N-BUTANE	125	10399	11.22	4.4	
8	1-BUTENE	167	237	0.25	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	424	0.45	0.1	
10	ISOPENTANE	236	12460	13.44	5.3	
11	N-PENTANE	268	6712	7.24	2.8	
12	CYCLOPENTANE	298	1100	1.18	0.4	
13	1-PENTENE	345	225	0.24	0.0	
14	HEXANES	536	19791	21.36	8.4	

READY

METHANE - 1.97 PPM

*

SAMPLE DATE 10/10/73

SAMPLE ID A3,GC-202, 1144 HRS.

SAMPLE NAME SMOG#2,BAG 8, 525'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4997	7.22	2.1	
2	ETHYLENE	45	6711	9.70	2.8	
3	ACETYLENE	51	2406	3.47	1.0	
4	PROPANE	66	7261	10.50	3.0	
5	PROPYLENE	79	650	0.93	0.2	
6	ISOBUTANE	109	4185	6.05	1.7	
7	N-BUTANE	125	9112	13.18	3.9	
8	ISOBUTYLENE + T-2-BUTENE	196	152	0.21	0.0	
9	ISOPENTANE	236	10653	15.41	4.5	
10	N-PENTANE	268	6190	8.95	2.6	
11	CYCLOPENTANE	298	1330	1.92	0.5	
12	HEXANES	536	15473	22.38	6.6	

READY

METHANE - 1.93 PPM

*

SAMPLE DATE 10/10/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1151 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 9,275' PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4841	7.01	2.0	
2	ETHYLENE	45	3490	5.05	1.4	
3	ACETYLENE	51	2271	3.28	0.9	
4	PROPANE	66	7702	11.16	3.2	
5	PROPYLENE	79	684	0.98	0.2	
6	ISOBUTANE	109	5246	7.60	2.1	
7	N-BUTANE	125	10767	15.60	4.6	
8	1-BUTENE	167	257	0.37	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	167	0.24	0.0	
10	ISOPENTANE	236	11159	16.17	4.7	
11	N-PENTANE	268	6248	9.05	2.6	
12	HEXANES	536	16144	23.40	6.8	

READY

METHANE - 1.89 PPM

*

SAMPLE DATE 10/10/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1158 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 10, 525' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8375	9.26	3.5	
2	ETHYLENE	45	13599	15.05	5.8	
3	ACETYLENE	51	4748	5.25	2.0	
4	PROPANE	66	9199	10.18	3.9	
5	PROPYLENE	79	1171	1.29	0.4	
6	ISOBUTANE	109	4098	4.53	1.7	
7	N-BUTANE	125	9616	10.64	4.1	
8	1-BUTENE	167	280	0.30	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	670	0.73	0.2	
10	ISOPENTANE	236	12806	14.17	5.5	
11	N-PENTANE	268	6483	7.17	2.8	
12	CYCLOPENTANE	298	1217	1.34	0.4	
13	HEXANES	536	18088	20.01	7.8	

READY

METHANE - 1.99 PPM

*

SAMPLE DATE 10/10/73

SAMPLE ID A3,GC-202, 1506 HRS.

SAMPLE NAME SMOG#2,BAG 11, 2500'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6418	12.13	2.7	
2	ETHYLENE	45	5902	11.16	2.5	
3	ACETYLENE	51	2635	4.98	1.0	
4	PROPANE	66	6847	12.95	2.9	
5	PROPYLENE	79	400	0.75	0.1	
6	ISOBUTANE	109	2621	4.95	1.0	
7	N-BUTANE	125	6045	11.43	2.5	
8	ISOBUTYLENE + T-2-BUTENE	196	410	0.77	0.1	
9	ISOPENTANE	236	7063	13.36	3.0	
10	N-PENTANE	268	3688	6.97	1.5	
11	CYCLOPENTANE	298	785	1.48	0.3	
12	1-PENTENE	345	122	0.22	0.0	
13	HEXANES	536	9928	18.77	4.2	

READY

METHANE - 1.86 PPM

SAMPLE DATE 10/10/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1509 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 12, 2100' PK NO BIG AREA 11

PK NO REF PEAK 7

INO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3811	10.21	1.6	
2	ETHYLENE	45	1750	4.68	0.7	
3	ACETYLENE	51	959	2.56	0.3	
4	PROPANE	66	4806	12.87	2.0	
5	PROPYLENE	79	111	0.29	0.0	
6	ISOBUTANE	109	2527	6.76	1.0	
7	N-BUTANE	125	5755	15.42	2.5	
8	ISOBUTYLENE + T-2-BUTENE	196	207	0.55	0.0	
9	ISOPENTANE	236	5779	15.48	2.5	
10	N-PENTANE	268	2912	7.80	1.2	
11	HEXANES	536	8701	23.31	3.7	

READY

METHANE - 1.92 PPM

*

SAMPLE DATE 10/10/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1512 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 13, 1600' PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5747	11.97	2.5	
2	ETHYLENE	45	5569	11.60	2.4	
3	ACETYLENE	51	2063	4.29	0.8	
4	PROPANE	66	6141	12.79	2.6	
5	PROPYLENE	79	399	0.83	0.1	
6	ISOBUTANE	109	2649	5.52	1.0	
7	N-BUTANE	125	6149	12.81	2.6	
8	ISOBUTYLENE + T-2-BUTENE	196	222	0.46	0.0	
9	ISOPENTANE	236	6473	13.48	2.8	
10	N-PENTANE	268	3256	6.78	1.4	
11	HEXANES	536	9314	19.40	4.0	

READY

METHANE - 1.92 PPM

*

SAMPLE DATE 10/10/73

SAMPLE ID AJ,GC-660, 1520 HRS.

SAMPLE NAME SMOG#2,BAG 14, 1100'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	4169	13.61	2.5
2	ETHYLENE	45	2157	7.04	1.2
3	ACETYLENE	51	2039	6.65	1.1
4	PROPANE	66	4875	15.91	2.9
5	PROPYLENE	79	267	0.86	0.1
6	ISOBUTANE	109	1829	5.96	1.0
7	N-BUTANE	125	4393	14.34	2.6
8	1-BUTENE	167	113	0.36	0.0
9	ISOPENTANE	236	4028	13.15	2.4
10	N-PENTANE	268	1627	5.31	0.9
11	HEXANES	536	5129	16.74	3.1

READY

METHANE - 1.89 PPM

*

SAMPLE DATE 10/10/73

SAMPLE ID A3,GC-660, 1523 HRS.

SAMPLE NAME SMOG#2,BAG 15, 800'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 9

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3131	12.98	1.7	
2	ETHYLENE	45	1164	4.82	0.6	
3	ACETYLENE	51	1466	6.07	0.7	
4	PROPANE	66	3763	15.60	2.1	
5	PROPYLENE	79	203	0.83	0.0	
6	ISOBUTANE	109	1537	6.37	0.8	
7	N-BUTANE	125	3737	15.50	2.0	
8	ISOBUTYLENE + T-2-BUTENE	196	64	0.26	0.0	
9	ISOPENTANE	236	4095	16.98	2.2	
10	N-PENTANE	268	3009	12.48	1.6	
11	HEXANES	536	1935	8.02	1.0	

READY

METHANE - 1.89 PPM

SAMPLE DATE 10/10/73

SAMPLE ID A3,GC-660, 1029 HRS.

SAMPLE NAME SMOG#3,BAG 1, 1000'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	7657	8.90	4.2
2	ETHYLENE	45	6941	8.06	3.8
3	ACETYLENE	51	4931	5.73	2.7
4	PROPANE	66	11575	13.45	6.4
5	PROPYLENE	79	2164	2.51	1.1
6	PROPADIENE	93	177	0.20	0.0
7	ISOBUTANE	109	6250	7.26	3.4
8	N-BUTANE	125	12300	14.30	6.8
9	1-BUTENE	167	386	0.44	0.1
10	ISOBUTYLENE + T-2-BUTENE	196	543	0.62	0.2
11	ISOPENTANE	236	12956	15.06	7.2
12	N-PENTANE	268	7176	8.34	3.9
13	CYCLOPENTANE	298	511	0.59	0.2
14	HEXANES	536	12427	14.45	6.9

READY

METHANE - 2.04 PPM

*

SAMPLE DATE 10/10/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1029 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 2, 800' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7313	9.88	4.0	
2	ETHYLENE	45	5688	7.69	3.1	
3	ACETYLENE	51	4803	6.49	2.6	
4	PROPANE	66	10479	14.16	5.8	
5	PROPYLENE	79	1748	2.36	0.9	
6	ISOBUTANE	109	5323	7.19	2.9	
7	N-BUTANE	125	10935	14.78	6.0	
8	1-BUTENE	167	162	0.21	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	250	0.33	0.0	
10	ISOPENTANE	236	10578	14.30	5.9	
11	N-PENTANE	268	5047	6.82	2.8	
12	CYCLOPENTANE	298	25	0.03	0.0	
13	HEXANES	536	11594	15.67	6.4	

READY

METHANE - 2.03 PPM

SAMPLE DATE 10/10/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1035 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 3, 550' — PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8302	8.48	4.6	
2	ETHYLENE	45	19235	19.65	10.7	
3	ACETYLENE	51	5525	5.64	3.0	
4	PROPANE	66	11168	11.41	6.2	
5	PROPYLENE	79	1985	2.02	1.0	
6	ISOBUTANE	109	5639	5.75	3.1	
7	N-BUTANE	125	11942	12.20	6.6	
8	1-BUTENE	167	165	0.16	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	500	0.50	0.2	
10	ISOPENTANE	236	13273	13.55	7.4	
11	N-PENTANE	268	6753	6.89	3.7	
12	CYCLOPENTANE	298	258	0.26	0.0	
13	HEXANES	536	13126	13.40	7.3	

READY

METHANE - 2.07 PPM

*

SAMPLE DATE 10/10/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1035 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 4, 350' — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7801	8.69	4.3	
2	ETHYLENE	45	11704	13.04	6.5	
3	ACETYLENE	51	5225	5.82	2.8	
4	PROPANE	66	10493	11.69	5.8	
5	PROPYLENE	79	1743	1.94	0.9	
6	ISOBUTANE	109	5414	6.03	2.9	
7	N-BUTANE	125	11364	12.67	6.3	
8	1-BUTENE	167	318	0.35	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	461	0.51	0.2	
10	ISOPENTANE	236	12888	14.37	7.1	
11	N-PENTANE	268	6160	6.86	3.4	
12	CYCLOPENTANE	298	45	0.04	0.0	
13	HEXANES	536	16066	17.91	8.9	

READY

METHANE - 2.10 PPM

*

SAMPLE DATE 10/10/73

SAMPLE ID A3,GC-660, 1061 HRS.

SAMPLE NAME SMOG#3,BAG 5, 550'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7149	8.59	3.9	
2	ETHYLENE	45	5471	6.57	3.0	
3	ACETYLENE	51	3909	4.69	2.1	
4	PROPANE	66	11749	14.12	6.5	
5	PROPYLENE	79	1309	1.57	0.7	
6	ISOBUTANE	109	6366	7.65	3.5	
7	N-BUTANE	125	12653	15.21	7.1	
8	1-BUTENE	167	147	0.17	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	305	0.36	0.1	
10	ISOPENTANE	236	13657	16.42	7.6	
11	N-PENTANE	268	8084	9.71	4.5	
12	CYCLOPENTANE	298	833	1.00	0.3	
13	HEXANES	536	11530	13.86	6.4	

READY

METHANE - 1.97 PPM

*

SAMPLE DATE 10/10/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1250 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 6, 820' PK NO BIG AREA 8

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3911	10.05	2.1	
2	ETHYLENE	45	2105	5.41	1.1	
3	ACETYLENE	51	1934	4.97	1.0	
4	PROPANE	66	5136	13.20	2.8	
5	PROPYLENE	79	429	1.10	0.2	
6	ISOBUTANE	109	2987	7.67	1.6	
7	N-BUTANE	125	6601	16.97	3.6	
8	ISOPENTANE	236	7069	18.17	3.9	
9	N-PENTANE	268	3652	9.38	2.0	
10	CYCLOPENTANE	298	72	0.18	0.0	
11	HEXANES	536	5000	12.85	2.7	

READY

METHANE - 1.85 PPM

SAMPLE DATE 10/10/73

SAMPLE ID A3,GC-660, 1258 HRS.

SAMPLE NAME SMOG#3, BAG 7, 1200'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 8

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3779	11.27	2.1	
2	ETHYLENE	45	3393	10.11	1.8	
3	ACETYLENE	51	2019	6.02	1.0	
4	PROPANE	66	5115	15.25	2.8	
5	PROPYLENE	79	469	1.39	0.2	
6	ISOBUTANE	109	2760	8.23	1.4	
7	N-BUTANE	125	6081	18.13	3.3	
8	ISOPENTANE	236	6285	18.74	3.5	
9	N-PENTANE	268	2934	8.74	1.6	
10	HEXANES	536	694	2.06	0.3	

READY

METHANE - 1.90 PPM

*

SAMPLE DATE 10/10/73

SAMPLE ID A3,GC-660,1309 HRS.*

SAMPLE NAME SMOG#3,BAG 8, 2200'*

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3510	11.46	1.9	
2	ETHYLENE	45	2609	8.52	1.4	
3	ACETYLENE	51	1489	4.86	0.7	
4	PROPANE	66	4383	14.31	2.4	
5	PROPYLENE	79	283	0.92	0.1	
6	ISOBUTANE	109	2019	6.59	1.0	
7	N-BUTANE	125	4536	14.81	2.5	
8	ISOPENTANE	236	4369	14.27	2.4	
9	N-PENTANE	268	1967	6.42	1.0	
10	CYCLOPENTANE	298	894	2.92	0.4	
11	HEXANES	536	4549	14.86	2.5	

READY

METHANE - 1.88 PPM

*

SAMPLE DATE 10/10/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1313 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 9, 2300' PK NO BIG AREA 7

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3610	11.50	1.9	
2	ETHYLENE	45	2304	7.33	1.2	
3	ACETYLENE	51	1754	5.58	0.9	
4	PROPANE	66	4808	15.31	2.6	
5	PROPYLENE	79	743	2.36	0.3	
6	ISOBUTANE	109	2410	7.67	1.3	
7	N-BUTANE	125	5070	16.15	2.8	
8	ISOPENTANE	236	4314	13.74	2.4	
9	N-PENTANE	268	2063	6.57	1.0	
10	HEXANES	536	4307	13.72	2.3	

READY

METHANE - 1.87 PPM

SAMPLE DATE 10/10/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1321 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 10, 1500' PK NO BIG AREA 4

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3709	11.04	2.0	
2	ETHYLENE	45	4116	12.25	2.2	
3	ACETYLENE	51	1849	5.50	1.0	
4	PROPANE	66	4895	14.57	2.7	
5	PROPYLENE	79	732	2.17	0.3	
6	ISOBUTANE	109	2157	6.42	1.1	
7	N-BUTANE	125	4848	14.43	2.6	
8	1-BUTENE	167	68	0.20	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	47	0.13	0.0	
10	ISOPENTANE	236	4495	13.38	2.5	
11	N-PENTANE	268	2211	6.58	1.1	
12	CYCLOPENTANE	298	73	0.21	0.0	
13	HEXANES	536	4385	13.05	2.4	

READY

METHANE - 1.84 PPM

*

SAMPLE DATE 10/11/73

SAMPLE ID A3,GC-660, 0944 HRS.

SAMPLE NAME SMOG#2,BAG 1

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 2

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10875	9.52	6.5	
2	ETHYLENE	45	25207	22.08	15.3	
3	ACETYLENE	51	10144	8.88	6.1	
4	PROPANE	66	7974	6.98	4.8	
5	PROPYLENE	79	3316	2.90	1.9	
6	PROPADIENE	93	112	0.09	0.0	
7	ISOBUTANE	109	3615	3.16	2.1	
8	N-BUTANE	125	11568	10.13	7.0	
9	1-BUTENE	167	524	0.45	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	1397	1.22	0.7	
11	ISOPENTANE	236	16706	14.63	10.1	
12	N-PENTANE	268	6309	5.52	3.8	
13	CYCLOPENTANE	298	143	0.12	0.0	
14	1-PENTENE	345	87	0.07	0.0	
15	HEXANES	536	16139	14.14	9.8	

READY

METHANE - 2.25 PPM

*

SAMPLE DATE 10/11/73

SAMPLE ID A3,GC-660, 0946 HRS.

SAMPLE NAME SMOG#2,BAG 2

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 2

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14693	11.00	8.9	
2	ETHYLENE	45	29898	22.38	18.2	
3	ACETYLENE	51	10121	7.57	6.1	
4	PROPANE	66	13381	10.01	8.1	
5	PROPYLENE	79	3403	2.54	2.0	
6	PROPADIENE	93	213	0.15	0.0	
7	ISOBUTANE	109	5207	3.89	3.1	
8	N-BUTANE	125	14245	10.66	8.6	
9	1-BUTENE	167	513	0.38	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	1436	1.07	0.8	
11	ISOPENTANE	236	17596	13.17	10.7	
12	N-PENTANE	268	7169	5.36	4.2	
13	CYCLOPENTANE	298	465	0.34	0.2	
14	HEXANES	536	15202	11.38	9.2	

READY

METHANE - 2.19 PPM

*

SAMPLE DATE 10/11/73

SAMPLE ID A3,GC-660, 0954 HRS.

SAMPLE NAME SMOG#2,BAG 3

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 2

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	12949	12.18	7.8	
2	ETHYLENE	45	17076	16.06	10.3	
3	ACETYLENE	51	9579	9.01	5.7	
4	PROPANE	66	11665	10.97	7.1	
5	PROPYLENE	79	2665	2.50	1.5	
6	PROPADIENE	93	129	0.11	0.0	
7	ISOBUTANE	109	4435	4.17	2.6	
8	N-BUTANE	125	12383	11.65	7.5	
9	1-BUTENE	167	499	0.46	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	834	0.78	0.4	
11	ISOPENTANE	236	15521	14.60	9.4	
12	N-PENTANE	268	6025	5.66	3.6	
13	CYCLOPENTANE	298	64	0.05	0.0	
14	HEXANES	536	12439	11.70	7.5	

READY

METHANE - 2.22 PPM

*

SAMPLE DATE 10/11/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1002 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4 PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	15249	13.13	9.2	
2	ETHYLENE	45	11911	10.26	7.2	
3	ACETYLENE	51	11445	9.85	6.9	
4	PROPANE	66	12998	11.19	7.8	
5	PROPYLENE	79	3359	2.89	2.0	
6	PROPADIENE	93	189	0.16	0.0	
7	ISOBUTANE	109	4982	4.29	2.9	
8	N-BUTANE	125	14036	12.09	8.5	
9	1-BUTENE	167	445	0.38	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	1005	0.86	0.5	
11	ISOPENTANE	236	17914	15.43	10.8	
12	N-PENTANE	268	6738	5.80	4.0	
13	CYCLOPENTANE	298	119	0.10	0.0	
14	HEXANES	536	15685	13.51	9.5	

READY

METHANE - 2.27 PPM

*

SAMPLE DATE 10/11/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1009 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 5 — PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	16236	12.43	9.8	
2	ETHYLENE	45	17755	13.60	10.7	
3	ACETYLENE	51	12073	9.24	7.3	
4	PROPANE	66	14574	11.16	8.8	
5	PROPYLENE	79	3598	2.75	2.1	
6	PROPADIENE	93	229	0.17	0.0	
7	ISOBUTANE	109	5568	4.26	3.3	
8	N-BUTANE	125	15522	11.88	9.4	
9	1-BUTENE	167	440	0.33	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	1113	0.85	0.6	
11	ISOPENTANE	236	19335	14.81	11.7	
12	N-PENTANE	268	7286	5.58	4.3	
13	CYCLOPENTANE	298	294	0.22	0.1	
14	HEXANES	536	16498	12.63	10.0	

READY

METHANE - 2.33 PPM

*

SAMPLE DATE 10/11/73

SAMPLE ID A3,GC-660, 1219 HRS.

SAMPLE NAME SMOG#2,BAG 6

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 9

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6343	14.30	3.8	
2	ETHYLENE	45	4474	10.09	2.6	
3	ACETYLENE	51	4560	10.28	2.7	
4	PROPANE	66	5657	12.75	3.4	
5	PROPYLENE	79	815	1.83	0.4	
6	ISOBUTANE	109	2266	5.11	1.3	
7	N-BUTANE	125	6179	13.93	3.7	
8	1-BUTENE	167	99	0.22	0.0	
9	ISOPENTANE	236	7026	15.84	4.2	
10	N-PENTANE	268	2447	5.51	1.4	
11	HEXANES	536	4461	10.06	2.6	

READY

METHANE - 1.91 PPM

SAMPLE DATE 10/11/73

SAMPLE ID A3,GC-66C, 1234 HRS.

SAMPLE NAME SMOG#2,BAG 8

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 8

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9456	13.10	5.7	
2	ETHYLENE	45	6876	9.53	4.1	
3	ACETYLENE	51	7193	9.97	4.3	
4	PROPANE	66	8484	11.75	5.1	
5	PROPYLENE	79	1548	2.14	0.9	
6	ISOBUTANE	109	3366	4.66	2.0	
7	N-BUTANE	125	10192	14.12	6.1	
8	ISOPENTANE	236	12036	16.68	7.3	
9	N-PENTANE	268	4228	5.85	2.5	
10	HEXANES	536	8763	12.14	5.3	

READY

METHANE - 2.01 PPM

*

SAMPLE DATE 10/11/73

SAMPLE ID A3,GC-660, 1241 HRS.

SAMPLE NAME SMOG#2,BAG 9

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 1

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	25845	23.99	15.7	
2	ETHYLENE	45	6955	6.45	4.2	
3	ACETYLENE	51	10427	9.68	6.3	
4	PROPANE	66	11834	10.98	7.1	
5	PROPYLENE	79	2029	1.88	1.1	
6	PROPADIENE	93	189	0.17	0.0	
7	ISOBUTANE	109	4675	4.33	2.8	
8	N-BUTANE	125	12932	12.00	7.8	
9	1-BUTENE	167	141	0.12	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	520	0.48	0.3	
11	ISOPENTANE	236	14837	13.77	8.9	
12	N-PENTANE	268	5591	5.18	3.3	
13	CYCLOPENTANE	298	116	0.10	0.0	
14	1-PENTENE	345	88	0.07	0.0	
15	HEXANES	536	11531	10.70	7.0	

READY

METHANE - 1.94 PPM

*

SAMPLE DATE 10/11/73

SAMPLE ID A3,GC-660, 1248 HRS.

SAMPLE NAME SMOG#2,BAG 10

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11412	13.56	6.9	
2	ETHYLENE	45	7209	8.56	4.3	
3	ACETYLENE	51	8587	10.20	5.2	
4	PROPANE	66	10832	12.87	6.5	
5	PROPYLENE	79	1453	1.72	0.8	
6	PROPADIENE	93	48	0.05	0.0	
7	ISOBUTANE	109	4140	4.91	2.5	
8	N-BUTANE	125	11941	14.19	7.2	
9	1-BUTENE	167	173	0.20	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	204	0.24	0.0	
11	ISOPENTANE	236	13681	16.25	8.2	
12	N-PENTANE	268	5373	6.38	3.2	
13	CYCLOPENTANE	298	63	0.07	0.0	
14	HEXANES	536	9020	10.71	5.4	

READY

METHANE - 2.05 PPM

*

SAMPLE DATE 10/11/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0847 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 1, 1100' PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4881	8.81	2.1	
2	ETHYLENE	45	10211	18.45	4.4	
3	ACETYLENE	51	2973	5.37	1.2	
4	PROPANE	66	5128	9.26	2.1	
5	PROPYLENE	79	423	0.76	0.1	
6	ISOBUTANE	109	2383	4.30	1.0	
7	N-BUTANE	125	5835	10.54	2.5	
8	ISOBUTYLENE + T-2-BUTENE	196	251	0.45	0.0	
9	ISOPENTANE	236	8042	14.53	3.4	
10	N-PENTANE	268	4230	7.64	1.7	
11	CYCLOPENTANE	298	691	1.24	0.2	
12	HEXANES	536	10276	18.57	4.4	

READY

METHANE - 1.82 PPM

*

SAMPLE DATE 10/11/73 | GC CHANNEL 1
SAMPLE ID A3,GC-202, 0855 HRS. | REF. PEAK TIME 125
SAMPLE NAME SMOG#3,BAG 2, 850' | PK NO BIG AREA 13
PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10530	12.62	4.5	
2	ETHYLENE	45	9964	11.94	4.2	
3	ACETYLENE	51	5178	6.20	2.1	
4	PROPANE	66	10856	13.01	4.6	
5	PROPYLENE	79	1038	1.24	0.3	
6	ISOBUTANE	109	3725	4.46	1.5	
7	N-BUTANE	125	9185	11.01	3.9	
8	1-BUTENE	167	192	0.22	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	295	0.35	0.0	
10	ISOPENTANE	236	11785	14.12	5.0	
11	N-PENTANE	268	5074	6.08	2.1	
12	CYCLOPENTANE	298	1185	1.41	0.4	
13	HEXANES	536	14389	17.25	6.2	

READY

METHANE - 1.96 PPM

*

SAMPLE DATE 10/11/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 0902 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 3, 750' | PK NO BIG AREA 4

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	19881	16.27	8.6	
2	ETHYLENE	45	6568	5.37	2.8	
3	ACETYLENE	51	5719	4.68	2.4	
4	PROPANE	66	23708	19.40	10.3	
5	PROPYLENE	79	1675	1.37	0.7	
6	ISOBUTANE	109	5804	4.75	2.5	
7	N-BUTANE	125	13669	11.19	5.9	
8	1-BUTENE	167	478	0.39	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	942	0.76	0.3	
10	ISOPENTANE	236	15338	12.55	6.6	
11	N-PENTANE	268	7449	6.09	3.2	
12	CYCLOPENTANE	298	1562	1.27	0.6	
13	HEXANES	536	19341	15.83	8.4	

READY

METHANE - 2.07 PPM

*

SAMPLE DATE 10/11/73

SAMPLE ID A3,GC-202, 0914 HRS.

SAMPLE NAME SMOG#3,BAG 4, 650'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	15084	10.20	6.5	
2	ETHYLENE	45	14955	10.12	6.4	
3	ACETYLENE	51	13229	8.95	5.7	
4	PROPANE	66	12269	8.30	5.3	
5	PROPYLENE	79	3096	2.09	1.3	
6	ISOBUTANE	109	5488	3.71	2.3	
7	N-BUTANE	125	15421	10.43	6.7	
8	1-BUTENE	167	1151	0.77	0.4	
9	ISOBUTYLENE + T-2-BUTENE	196	1606	1.08	0.6	
10	ISOPENTANE	236	24214	16.39	10.5	
11	N-PENTANE	268	10212	6.91	4.4	
12	CYCLOPENTANE	298	1833	1.23	0.7	
13	1-PENTENE	345	350	0.23	0.0	
14	HEXANES	536	28819	19.50	12.5	

READY

METHANE - 2.08 PPM

*

SAMPLE DATE 10/11/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 0925 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 5, 1000' | PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6166	12.13	2.6	
2	ETHYLENE	45	10040	19.76	4.3	
3	ACETYLENE	51	3001	5.90	1.2	
4	PROPANE	66	4914	9.67	2.1	
5	PROPYLENE	79	740	1.45	0.3	
6	ISOBUTANE	109	2159	4.25	0.9	
7	N-BUTANE	125	5097	10.03	2.1	
8	1-BUTENE	167	184	0.36	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	247	0.48	0.0	
10	ISOPENTANE	236	6456	12.71	2.8	
11	N-PENTANE	268	2461	4.84	1.0	
12	HEXANES	536	9315	18.34	4.0	

READY

METHANE - 1.80 PPM

*

SAMPLE DATE 10/11/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1111 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 6, 750' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	12746	12.44	5.5	
2	ETHYLENE	45	8809	8.60	3.8	
3	ACETYLENE	51	9194	8.97	3.9	
4	PROPANE	66	10487	10.24	4.5	
5	PROPYLENE	79	1667	1.62	0.7	
6	ISOBUTANE	109	4022	3.92	1.7	
7	N-BUTANE	125	11447	11.18	4.9	
8	1-BUTENE	167	388	0.37	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	460	0.44	0.1	
10	ISOPENTANE	236	16131	15.75	7.0	
11	N-PENTANE	268	6881	6.71	2.9	
12	CYCLOPENTANE	298	840	0.81	0.3	
13	HEXANES	536	19300	18.85	8.3	

READY

METHANE - 2.02 PPM

*

SAMPLE DATE 10/11/73

SAMPLE ID A3,GC-202, 1119 HRS.

SAMPLE NAME SMOG#3,BAG 7, 700'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7690	10.39	3.2	
2	ETHYLENE	45	6385	8.62	2.7	
3	ACETYLENE	51	4758	6.42	2.0	
4	PROPANE	66	7041	9.51	3.0	
5	PROPYLENE	79	84	0.11	0.0	
6	ISOBUTANE	109	3359	4.53	1.4	
7	N-BUTANE	125	8694	11.74	3.7	
8	1-BUTENE	167	230	0.30	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	324	0.43	0.0	
10	ISOPENTANE	236	11774	15.90	5.0	
11	N-PENTANE	268	5328	7.19	2.2	
12	HEXANES	536	18337	24.77	7.9	

READY

METHANE - 1.92 PPM

*

SAMPLE DATE 10/11/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1126 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 87 "400' PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	30186	14.83	13.1	
2	ETHYLENE	45	15984	7.85	6.9	
3	ACETYLENE	51	15487	7.61	6.7	
4	PROPANE	66	18518	9.10	8.0	
5	PROPYLENE	79	5689	2.79	2.4	
6	ISOBUTANE	109	6990	3.43	3.0	
7	N-BUTANE	125	20178	9.91	8.7	
8	1-BUTENE	167	759	0.37	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1462	0.71	0.6	
10	ISOPENTANE	236	30319	14.90	13.2	
11	N-PENTANE	268	13364	6.56	5.7	
12	CYCLOPENTANE	298	2560	1.25	1.0	
13	1-PENTENE	345	209	0.10	0.0	
14	HEXANES	536	41699	20.49	18.1	

READY

METHANE - 2.51 PPM

*

SAMPLE DATE 10/11/73

SAMPLE ID A3,GC-202, 1133 HRS.

SAMPLE NAME SMOG#3,BAG 9, 200'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	28557	14.45	12.4	
2	ETHYLENE	45	15011	7.59	6.4	
3	ACETYLENE	51	14334	7.25	6.2	
4	PROPANE	66	20043	10.14	8.6	
5	PROPYLENE	79	2637	1.33	1.0	
6	ISOBUTANE	109	6243	3.15	2.6	
7	N-BUTANE	125	18895	9.56	8.2	
8	1-BUTENE	167	175	0.08	0.0	
9	ISOPENTANE	236	31272	15.82	13.5	
10	N-PENTANE	268	14228	7.19	6.1	
11	CYCLOPENTANE	298	2447	1.23	1.0	
12	HEXANES	536	43714	22.12	19.0	

READY

METHANE - 2.71 PPM

SAMPLE DATE 10/11/73

SAMPLE ID A3,GC-202, 1140 HRS.

SAMPLE NAME SMOG#3,BAG 1[illegible]200'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	22921	15.34	10.0	
2	ETHYLENE	45	12274	8.21	5.3	
3	ACETYLENE	51	12918	8.64	5.6	
4	PROPANE	66	16341	10.93	7.1	
5	PROPYLENE	79	2071	1.38	0.8	
6	ISOBUTANE	109	4919	3.29	2.1	
7	N-BUTANE	125	14590	9.76	6.3	
8	1-BUTENE	167	550	0.36	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	1219	0.81	0.4	
10	ISOPENTANE	236	21630	14.47	9.3	
11	N-PENTANE	268	9812	6.56	4.2	
12	CYCLOPENTANE	298	2116	1.41	0.8	
13	1-PENTENE	345	178	0.11	0.0	
14	HEXANES	536	27835	18.63	12.1	

READY

METHANE - 2.32 PPM

*

SAMPLE DATE 10/12/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1009 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 1, 1175' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	12247	10.72	5.3	
2	ETHYLENE	45	11867	10.38	5.1	
3	ACETYLENE	51	10438	9.13	4.5	
4	PROPANE	66	11360	9.94	4.9	
5	PROPYLENE	79	2052	1.79	0.8	
6	ISOBUTANE	109	4519	3.95	1.9	
7	N-BUTANE	125	11924	10.44	5.1	
8	1-BUTENE	167	544	0.47	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	830	0.72	0.3	
10	ISOPENTANE	236	16872	14.77	7.3	
11	N-PENTANE	268	7828	6.85	3.3	
12	CYCLOPENTANE	298	1381	1.20	0.5	
13	HEXANES	536	22349	19.56	9.6	

READY

METHANE - 2.11 PPM

SAMPLE DATE 10/12/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1016 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG ~~~~~ 835' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	12968	8.89	5.6
2	ETHYLENE	45	13985	9.59	6.0
3	ACETYLENE	51	11790	8.08	5.0
4	PROPANE	66	10311	7.07	4.4
5	PROPYLENE	79	2041	1.39	0.8
6	ISOBUTANE	109	4034	2.76	1.7
7	N-BUTANE	125	13876	9.51	6.0
8	1-BUTENE	167	360	0.24	0.1
9	ISOBUTYLENE + T-2-BUTENE	196	799	0.54	0.3
10	ISOPENTANE	236	25361	17.40	11.0
11	N-PENTANE	268	10932	7.49	4.7
12	CYCLOPENTANE	298	1577	1.08	0.6
13	HEXANES	536	37704	25.86	16.4

READY

METHANE 2.21 PPM

*

SAMPLE DATE 10/12/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1023 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 3, 575' PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	17321	9.50	9.6	
2	ETHYLENE	45	18568	10.18	10.3	
3	ACETYLENE	51	19173	10.51	10.7	
4	PROPANE	66	14965	8.20	8.3	
5	PROPYLENE	79	3659	2.00	2.0	
6	ISOBUTANE	109	5842	3.20	3.2	
7	N-BUTANE	125	19521	10.70	10.9	
8	1-BUTENE	16[illegible]	700	0.38	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1135	0.62	0.6	
10	ISOPENTANE	236	29372	16.11	16.4	
11	N-PENTANE	268	11853	6.50	6.6	
12	HEXANES	536	40201	22.04	22.5	

READY

METHANE - 2.31 PPM

*

SAMPLE DATE 10/12/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 1031 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG #"355' | PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14584	8.72	8.2	
2	ETHYLENE	45	15158	9.06	8.5	
3	ACETYLENE	51	13851	8.28	7.7	
4	PROPANE	66	12852	7.68	7.1	
5	PROPYLENE	79	3213	1.91	1.7	
6	ISOBUTANE	109	5640	3.37	3.1	
7	N-BUTANE	125	18389	10.99	10.3	
8	1-BUTENE	167	490	0.29	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	906	0.54	0.4	
10	ISOPENTANE	236	27311	16.33	15.3	
11	N-PENTANE	268	11496	6.87	6.4	
12	CYCLOPENTANE	298	874	0.52	0.4	
13	HEXANES	536	42398	25.36	23.8	

READY

METHANE - 2.22 PPM

*

SAMPLE DATE 10/12/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1046 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 5, 600' — PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	18376	9.80	10.3
2	ETHYLENE	45	14011	7.47	7.8
3	ACETYLENE	51	16328	8.71	9.2
4	PROPANE	66	15899	8.48	8.9
5	PROPYLENE	79	5060	2.69	2.8
6	ISOBUTANE	109	7139	3.80	3.9
7	N-BUTANE	125	20449	10.91	11.5
8	1-BUTENE	167	1025	0.54	0.5
9	ISOBUTYLENE + T-2-BUTENE	196	2205	1.17	1.1
10	ISOPENTANE	236	31995	17.07	18.0
11	N-PENTANE	268	13333	7.11	7.5
12	CYCLOPENTANE	298	1297	0.68	0.7
13	1-PENTENE	345	351	0.18	0.1
14	HEXANES	536	39887	21.28	22.5

READY

METHANE - 2.39 PPM

SAMPLE DATE 10/12/73 GC CHANNEL 1

SAMPLE ID A3, GC-660, 1246 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2, BAG 6 ''1300' PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	24511	11.53	13.8
2	ETHYLENE	45	15984	7.52	8.9
3	ACETYLENE	51	16858	7.93	9.5
4	PROPANE	66	20920	9.84	11.7
5	PROPYLENE	79	5492	2.58	3.0
6	PROPADIENE	93	365	0.17	0.1
7	ISOBUTANE	109	8522	4.01	4.7
8	N-BUTANE	125	22935	10.79	12.8
9	1-BUTENE	167	1098	0.51	0.5
10	ISOBUTYLENE + T-2-BUTENE	196	2303	1.08	1.2
11	ISOPENTANE	236	35214	16.57	19.8
12	N-PENTANE	268	14856	6.99	8.3
13	CYCLOPENTANE	298	1316	0.61	0.7
14	1-PENTENE	345	468	0.21	0.2
15	HEXANES	536	41636	19.59	23.5

READY

METHANE - 2.64 PPM

SAMPLE DATE 10/12/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1255 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 7, 1500' PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11648	9.19	6.9	
2	ETHYLENE	45	9683	7.64	5.7	
3	ACETYLENE	51	13263	10.46	7.9	
4	PROPANE	66	9019	7.11	5.3	
5	PROPYLENE	79	1985	1.56	1.1	
6	PROPADIENE	93	122	0.09	0.0	
7	ISOBUTANE	109	4522	3.56	2.6	
8	N-BUTANE	125	15048	11.87	9.0	
9	1-BUTENE	167	328	0.25	0.1	
10	ISOBUTYLENE + T-2-BUTENE	196	588	0.46	0.3	
11	ISOPENTANE	236	22799	17.99	13.7	
12	N-PENTANE	268	9531	7.52	5.7	
13	CYCLOPENTANE	298	877	0.68	0.4	
14	HEXANES	536	27280	21.53	16.4	

READY

METHANE - 2.50 PPM

*

SAMPLE DATE 10/12/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1300 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 8 1700' — PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10865	9.03	6.4	
2	ETHYLENE	45	10010	8.32	6.0	
3	ACETYLENE	51	13707	11.39	8.2	
4	PROPANE	66	8558	7.11	5.1	
5	PROPYLENE	79	2015	1.67	1.1	
6	PROPADIENE	93	142	0.11	0.0	
7	ISOBUTANE	109	4669	3.88	2.8	
8	N-BUTANE	125	15155	12.59	9.1	
9	1-BUTENE	167	162	0.13	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	396	0.32	0.2	
11	ISOPENTANE	236	21746	18.07	13.0	
12	N-PENTANE	268	8015	6.66	4.7	
13	CYCLOPENTANE	298	218	0.18	0.0	
14	HEXANES	536	24620	20.46	14.8	

READY

METHANE - 2.33 PPM

*

SAMPLE DATE 10/12/73 GC CHANNEL 1

SAMPLE ID A3, GC-660, 1304 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2, BAG 9, 1000' PK NO BIG AREA 13

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	12111	10.23	7.2	
2	ETHYLENE	45	8723	7.37	5.2	
3	ACETYLENE	51	12940	10.93	7.7	
4	PROPANE	66	9844	8.31	5.9	
5	PROPYLENE	79	2349	1.98	1.4	
6	PROPADIENE	93	224	0.18	0.0	
7	ISOBUTANE	109	4583	3.87	2.7	
8	N-BUTANE	125	14296	12.08	8.5	
9	1-BUTENE	167	66	0.05	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	432	0.36	0.2	
11	ISOPENTANE	236	20206	17.08	12.1	
12	N-PENTANE	268	8279	6.99	4.9	
13	HEXANES	536	24235	20.48	14.6	

READY

METHANE - 2.34 PPM

SAMPLE DATE 10/12/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1317 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG ITO, 800' PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11274	10.27	6.7	
2	ETHYLENE	45	9721	8.86	5.8	
3	ACETYLENE	51	12032	10.96	7.1	
4	PROPANE	66	9397	8.56	5.6	
5	PROPYLENE	79	1751	1.59	1.0	
6	PROPADIENE	93	66	0.05	0.0	
7	ISOBUTANE	109	4394	4.00	2.5	
8	N-BUTANE	125	13835	12.61	8.2	
9	1-BUTENE	167	148	0.13	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	300	0.27	0.1	
11	ISOPENTANE	236	19205	17.50	11.5	
12	N-PENTANE	268	7105	6.47	4.2	
13	CYCLOPENTANE	298	219	0.19	0.0	
14	1-PENTENE	345	168	0.15	0.0	
15	HEXANES	536	20071	18.29	12.0	

READY

METHANE - 2.29 PPM

*

SAMPLE DATE 10/12/73

SAMPLE ID A3,GC-660, 1120 HRS.

SAMPLE NAME SMOG#3,BAG 1, 1100'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	20291	13.03	12.1
2	ETHYLENE	45	12421	7.98	7.4
3	ACETYLENE	51	12282	7.89	7.3
4	PROPANE	66	15775	10.13	9.4
5	PROPYLENE	79	4376	2.81	2.5
6	PROPADIENE	93	310	0.19	0.1
7	ISOBUTANE	109	6254	4.01	3.7
8	N-BUTANE	125	17759	11.41	10.7
9	1-BUTENE	167	639	0.40	0.3
10	ISOBUTYLENE + T-2-BUTENE	196	1888	1.21	1.0
11	ISOPENTANE	236	24833	15.95	14.9
12	N-PENTANE	268	10531	6.76	6.3
13	CYCLOPENTANE	298	764	0.48	0.3
14	1-PENTENE	345	303	0.19	0.1
15	HEXANES	536	27178	17.46	16.3

READY

METHANE - 2.69 PPM

SAMPLE DATE 10/12/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1127 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 2, 850' PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11974	9.03	7.1	
2	ETHYLENE	45	9705	7.32	5.7	
3	ACETYLENE	51	11492	8.67	6.8	
4	PROPANE	66	11488	8.67	6.8	
5	PROPYLENE	79	2694	2.03	1.5	
6	PROPADIENE	93	329	0.24	0.1	
7	ISOBUTANE	109	5092	3.84	3.0	
8	N-BUTANE	125	14248	10.75	8.5	
9	1-BUTENE	167	506	0.38	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	555	0.41	0.3	
11	ISOPENTANE	236	18424	13.90	11.0	
12	N-PENTANE	268	7492	5.65	4.4	
13	CYCLOPENTANE	298	202	0.14	0.0	
14	1-PENTENE	345	49	0.03	0.0	
15	HEXANES	536	38178	28.82	22.9	

READY

M METHANE - 2.12 PPM

*

SAMPLE DATE 10/12/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1133 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 3, 600' PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	12482	10.15	7.5	
2	ETHYLENE	45	11403	9.27	6.8	
3	ACETYLENE	51	11486	9.34	6.8	
4	PROPANE	66	11639	9.46	6.9	
5	PROPYLENE	79	2855	2.32	1.7	
6	PROPADIENE	93	257	0.20	0.0	
7	ISOBUTANE	109	5063	4.11	3.0	
8	N-BUTANE	125	14659	11.92	8.8	
9	1-BUTENE	167	434	0.35	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	988	0.80	0.5	
11	ISOPENTANE	236	20187	16.42	12.1	
12	N-PENTANE	268	8672	7.05	5.1	
13	CYCLOPENTANE	298	828	0.67	0.4	
14	1-PENTENE	345	106	0.08	0.0	
15	HEXANES	536	21864	17.78	13.1	

READY

METHANE - 2.22 PPM

*

SAMPLE DATE 10/12/73

SAMPLE ID A3,GC-660, 1142 HRS.

SAMPLE NAME SMOG#3,BAG 4**500'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11699	9.29	7.0	
2	ETHYLENE	45	10433	8.28	6.2	
3	ACETYLENE	51	12332	9.79	7.4	
4	PROPANE	66	10100	8.02	6.0	
5	PROPYLENE	79	2304	1.82	1.3	
6	ISOBUTANE	109	4954	3.93	2.9	
7	N-BUTANE	125	14528	11.54	8.7	
8	1-BUTENE	167	535	0.42	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	939	0.74	0.5	
10	ISOPENTANE	236	21665	17.21	13.0	
11	N-PENTANE	268	9119	7.24	5.4	
12	CYCLOPENTANE	298	744	0.58	0.3	
13	1-PENTENE	345	127	0.10	0.0	
14	HEXANES	536	26390	20.96	15.8	

READY

METHANE - 2.10 PPM

*

SAMPLE DATE 10/12/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1149 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 5, 750' — PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	13540	10.44	8.1	
2	ETHYLENE	45	10232	7.89	6.1	
3	ACETYLENE	51	12867	9.92	7.7	
4	PROPANE	66	11797	9.10	7.1	
5	PROPYLENE	79	3574	2.75	2.1	
6	PROPADIENE	93	582	0.44	0.3	
7	ISOBUTANE	109	5815	4.48	3.4	
8	N-BUTANE	125	16027	12.36	9.6	
9	1-BUTENE	167	479	0.36	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	833	0.64	0.4	
11	ISOPENTANE	236	20867	16.10	12.5	
12	N-PENTANE	268	8275	6.38	4.9	
13	CYCLOPENTANE	298	175	0.13	0.0	
14	HEXANES	536	24510	18.91	14.7	

READY

METHANE - 2.21 PPM

*

SAMPLE DATE 10/12/73 | GC CHANNEL 1
SAMPLE ID A3,GC-660, 1419 HRS. | REF. PEAK TIME 125
SAMPLE NAME SMOG#3,BAG 6, 5000' | PK NO BIG AREA 11
PK NO REF PEAK 7

INO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	2518	16.54	1.4
2	ETHYLENE	45	1198	7.87	0.7
3	ACETYLENE	51	1507	9.89	0.8
4	PROPANE	66	1856	12.19	1.0
5	PROPYLENE	79	316	2.08	0.1
6	ISOBUTANE	109	543	3.56	0.3
7	N-BUTANE	125	1562	10.26	0.9
8	ISOBUTYLENE + T-2-BUTENE	196	63	0.41	0.0
9	ISOPENTANE	236	1822	11.96	1.0
10	N-PENTANE	268	650	4.26	0.3
11	HEXANES	536	3184	20.91	1.8

READY

METHANE - 1.74 PPM

*

SAMFLE DATE 10/12/73 GC CHANNEL 1

SAMFLE ID A3,GC-660, 1426 HRS. REF. PEAK TIME 125

SAMFLE NAML SMOG#3,BAG 7, 4000' PK NO BIG AREA 1

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3206	20.30	1.8	
2	ETHYLENE	45	1113	7.04	0.6	
3	ACETYLENE	51	1703	10.78	1.0	
4	PROPANE	66	2099	13.29	1.2	
5	PROPYLENE	79	300	1.89	0.1	
6	ISOBUTANE	109	621	3.93	0.3	
7	N-BUTANE	125	1769	11.19	1.0	
8	1-BUTENE	167	67	0.42	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	98	0.61	0.0	
10	ISOPENTANE	236	2015	12.75	1.1	
11	N-PENTANE	268	756	4.78	0.3	
12	HEXANES	536	2044	12.94	1.1	

READY

METHANE - 1.74 PPM

*

SAMPLE DATE 10/12/73

SAMPLE ID A3,GC-660, 1434 HRS.

SAMPLE NAME SMOG#3,BAG 8, 3000'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 9

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5462	11.48	3.2	
2	ETHYLENE	45	3413	7.18	2.0	
3	ACETYLENE	51	5062	10.65	3.0	
4	PROPANE	66	4733	9.95	2.8	
5	PROPYLENE	79	572	1.20	0.3	
6	ISOBUTANE	109	2129	4.47	1.2	
7	N-BUTANE	125	6285	13.22	3.7	
8	1-BUTENE	167	184	0.38	0.0	
9	ISOPENTANE	236	8892	18.70	5.3	
10	N-PENTANE	268	3624	7.62	2.1	
11	HEXANES	536	7169	15.08	4.2	

READY

METHANE - 1.88 PPM

*

SAMPLE DATE 10/12/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1441 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 9, 2000' PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9486	10.97	5.7	
2	ETHYLENE	45	5466	6.32	3.2	
3	ACETYLENE	51	8450	9.77	5.0	
4	PROPANE	66	8832	10.22	5.3	
5	PROPYLENE	79	791	0.91	0.4	
6	ISOBUTANE	109	4613	5.33	2.7	
7	N-BUTANE	125	11653	13.48	6.9	
8	1-BUTENE	167	122	0.14	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	343	0.39	0.1	
10	ISOPENTANE	236	15729	18.20	9.4	
11	N-PENTANE	268	6998	8.09	4.2	
12	CYCLOPENTANE	298	444	0.51	0.2	
13	HEXANES	536	13482	15.60	8.1	

READY

METHANE - 2.05 PPM

*

SAMPLE DATE 10/12/73

SAMPLE ID A3,GC-660, 1449 HRS.

SAMPLE NAME SMOG#3,BAG 10, 1200'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11718	12.20	7.0	
2	ETHYLENE	45	7184	7.48	4.2	
3	ACETYLENE	51	8970	9.34	5.3	
4	PROPANE	66	10942	11.40	6.5	
5	PROPYLENE	79	1112	1.15	0.6	
6	PROPADIENE	93	46	0.04	0.0	
7	ISOBUTANE	109	5092	5.30	3.0	
8	N-BUTANE	125	12957	13.50	7.8	
9	1-BUTENE	167	107	0.10	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	135	0.14	0.0	
11	ISOPENTANE	236	15857	16.52	9.5	
12	N-PENTANE	268	6268	6.53	3.7	
13	CYCLOPENTANE	298	122	0.12	0.0	
14	1-PENTENE	345	439	0.45	0.2	
15	HEXANES	536	15021	15.64	8.9	

READY

METHANE - 2.16 PPM

SAMPLE DATE 10/15/73

SAMPLE ID A3,GC-202, 1106 HRS.

SAMPLE NAME SMOG#2,BAG 1

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	25073	8.45	14.2
2	ETHYLENE	45	66737	22.51	37.8
3	ACETYLENE	51	17294	5.83	9.7
4	PROPANE	66	24126	8.13	13.6
5	PROPYLENE	79	3246	1.09	1.7
6	ISOBUTANE	109	18107	6.10	10.2
7	N-BUTANE	125	30533	10.30	17.3
8	1-BUTENE	167	1116	0.37	0.6
9	ISOBUTYLENE + T-2-BUTENE	196	1533	0.51	0.8
10	ISOPENTANE	236	39602	13.36	22.5
11	N-PENTANE	268	18131	6.11	10.3
12	CYCLOPENTANE	298	3024	1.01	1.7
13	1-PENTENE	345	267	0.08	0.0
14	HEXANES	536	47537	16.04	27.0

READY

METHANE - 2.52 PPM

*

SAMPLE DATE 10/15/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1109 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 2 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	25536	12.39	14.4	
2	ETHYLENE	45	32389	15.72	18.3	
3	ACETYLENE	51	10053	4.87	5.7	
4	PROPANE	66	11330	5.50	6.4	
5	PROPYLENE	79	1434	0.69	0.7	
6	ISOBUTANE	109	6838	3.32	3.8	
7	N-BUTANE	125	21739	10.55	12.3	
8	1-BUTENE	167	596	0.28	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1742	0.84	0.9	
10	ISOPENTANE	236	33875	16.44	19.2	
11	N-PENTANE	268	16058	7.79	9.0	
12	CYCLOPENTANE	298	2700	1.30	1.4	
13	HEXANES	536	41622	20.21	23.6	

READY

METHANE - 2.94 PPM

SAMPLE DATE 10/15/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1115 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 3 PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	27078	12.94	15.3	
2	ETHYLENE	45	26797	12.81	15.2	
3	ACETYLENE	51	15493	7.40	8.7	
4	PROPANE	66	19997	9.55	11.3	
5	PROPYLENE	79	2955	1.40	1.6	
6	ISOBUTANE	109	11092	5.30	6.2	
7	N-BUTANE	125	25224	12.05	14.2	
8	1-BUTENE	167	501	0.23	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	745	0.35	0.3	
10	ISOPENTANE	236	33259	15.89	18.9	
11	N-PENTANE	268	14699	7.02	8.3	
12	CYCLOPENTANE	298	1301	0.61	0.7	
13	HEXANES	536	30008	14.34	17.0	

READY

METHANE - 2.72 PPM

*

SAMPLE DATE 10/15/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1122 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4 — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	26503	10.61	15.0	
2	ETHYLENE	45	33771	13.52	19.1	
3	ACETYLENE	51	17116	6.85	9.6	
4	PROPANE	66	21585	8.64	12.2	
5	PROPYLENE	79	4739	1.89	2.6	
6	ISOBUTANE	109	12081	4.83	6.7	
7	N-BUTANE	125	27510	11.01	15.6	
8	1-BUTENE	167	731	0.28	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1191	0.47	0.6	
10	ISOPENTANE	236	36545	14.63	20.7	
11	N-PENTANE	268	16990	6.80	9.6	
12	CYCLOPENTANE	298	2105	0.84	1.1	
13	HEXANES	536	48870	19.56	27.7	

READY

METHANE - 2.70 PPM

*

SAMPLE DATE	10/15/73	GC CHANNEL	1
SAMPLE ID	A3,GC-202, 1130 HRS.	REF. PEAK TIME	125
SAMPLE NAME	SMOG#2,BAG 5	PK NO BIG AREA	2
		PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	22491	11.30	12.7	
2	ETHYLENE	45	35326	17.76	20.0	
3	ACETYLENE	51	12307	6.18	6.9	
4	PROPANE	66	20727	10.42	11.7	
5	PROPYLENE	79	1813	0.90	1.0	
6	ISOBUTANE	109	10258	5.15	5.7	
7	N-BUTANE	125	21429	10.77	12.1	
8	1-BUTENE	167	498	0.25	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	744	0.37	0.3	
10	ISOPENTANE	236	25979	13.06	14.7	
11	N-PENTANE	268	12307	6.18	6.9	
12	CYCLOPENTANE	298	1571	0.78	0.8	
13	HEXANES	536	33361	16.77	18.9	

READY

METHANE - 2.43 PPM

SAMPLE DATE 10/15/73

SAMPLE ID A3,GC-202, 1324 HRS.

SAMPLE NAME SMOG#2,BAG 6

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	21031	10.34	11.9	
2	ETHYLENE	45	12646	6.21	7.1	
3	ACETYLENE	51	10920	5.37	6.1	
4	PROPANE	66	21736	10.69	12.3	
5	PROPYLENE	79	1278	0.62	0.7	
6	ISOBUTANE	109	13494	6.63	7.6	
7	N-BUTANE	125	27665	13.61	15.7	
8	1-BUTENE	167	436	0.21	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	575	0.28	0.3	
10	ISOPENTANE	236	33345	16.40	18.9	
11	N-PENTANE	268	15788	7.76	8.9	
12	HEXANES	536	44328	21.80	25.1	

READY

METHANE - 2.55PPM

*

SAMPLE DATE 10/15/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1331 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 7 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	27620	10.98	15.7
2	ETHYLENE	45	14754	5.86	8.3
3	ACETYLENE	51	16921	6.72	9.6
4	PROPANE	66	29301	11.65	16.6
5	PROPYLENE	79	1891	0.75	1.0
6	ISOBUTANE	109	15968	6.35	9.0
7	N-BUTANE	125	33166	13.19	18.8
8	1-BUTENE	167	535	0.21	0.2
9	ISOBUTYLENE + T-2-BUTENE	196	668	0.26	0.3
10	ISOPENTANE	236	38465	15.30	21.8
11	N-PENTANE	268	18901	7.51	10.7
12	CYCLOPENTANE	298	2676	1.06	1.4
13	HEXANES	536	50502	20.08	28.6

READY

METHANE - 2.63 PPM

SAMPLE DATE 10/15/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1348 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 8 PK NO BIG AREA 11

PK NO REF PEAK 6

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	3422	12.39	1.8
2	ETHYLENE	45	1601	5.80	0.8
3	ACETYLENE	51	1300	4.70	0.7
4	PROPANE	66	2172	7.87	1.1
5	ISOBUTANE	109	1058	3.83	0.5
6	N-BUTANE	125	3009	10.90	1.6
7	1-BUTENE	167	128	0.46	0.0
8	ISOBUTYLENE + T-2-BUTENE	196	146	0.52	0.0
9	ISOPENTANE	236	4160	15.07	2.3
10	N-PENTANE	268	1442	5.22	0.7
11	HEXANES	536	9157	33.18	5.1

READY

METHANE - 1.89 PPM

*

SAMPLE DATE 10/15/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1355 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 9 PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	23271	13.04	13.2
2	ETHYLENE	45	12039	6.74	6.7
3	ACETYLENE	51	11637	6.51	6.5
4	PROPANE	66	19757	11.06	11.1
5	PROPYLENE	79	229	0.12	0.0
6	ISOBUTANE	109	9444	5.29	5.3
7	N-BUTANE	125	19816	11.10	11.2
8	ISOBUTYLENE + T-2-BUTENE	196	630	0.35	0.3
9	ISOPENTANE	236	28105	15.74	15.9
10	N-PENTANE	268	13349	7.47	7.5
11	CYCLOPENTANE	298	1316	0.73	0.7
12	HEXANES	536	38853	21.77	22.0

READY

METHANE - 2.49 PPM

SAMPLE DATE 10/15/73

SAMPLE ID A3,GC-660, 1404 HRS.

SAMPLE NAME SMOG#2, BAG 10

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	27808	10.18	15.7	
2	ETHYLENE	45	12081	4.42	6.7	
3	ACETYLENE	51	18774	6.87	10.5	
4	PROPANE	66	34360	12.53	19.3	
5	PROPYLENE	79	3164	1.15	1.7	
6	PROPADIENE	93	556	0.20	0.3	
7	ISOBUTANE	109	20311	7.43	11.4	
8	N-BUTANE	125	36721	13.44	20.7	
9	1-BUTENE	167	1510	0.55	0.7	
10	ISOBUTYLENE + T-2-BUTENE	196	1388	0.50	0.7	
11	ISOPENTANE	236	40721	14.91	22.9	
12	N-PENTANE	268	20138	7.37	11.3	
13	CYCLOPENTANE	298	3044	1.11	1.7	
14	HEXANES	536	52454	19.21	29.6	

READY

METHANE - 2.48 PPM

*

SAMPLE DATE 10/15/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1214 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 1, 1000' PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	28248	12.59	15.9	
2	ETHYLENE	45	12454	5.55	7.0	
3	ACETYLENE	51	18006	8.02	10.1	
4	PROPANE	66	23661	10.54	13.3	
5	PROPYLENE	79	4247	1.89	2.3	
6	PROPADIENE	93	452	0.20	0.2	
7	ISOBUTANE	109	10803	4.81	6.0	
8	N-BUTANE	125	28003	12.48	15.7	
9	1-BUTENE	167	832	0.36	0.4	
10	ISOBUTYLENE + T-2-BUTENE	196	1210	0.53	0.6	
11	ISOPENTANE	236	36154	16.11	20.3	
12	N-PENTANE	268	16248	7.24	9.1	
13	CYCLOPENTANE	298	1416	0.62	0.7	
14	1-PENTENE	345	315	0.14	0.1	
15	HEXANES	536	42241	18.83	23.8	

READY

METHANE - 2.78 PPM

*

SAMPLE DATE 10/15/73

SAMPLE ID A3,GC-660, 1222 HRS.

SAMPLE NAME SMOG#3,BAG 2, 950'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	27746	11.83	15.6
2	ETHYLENE	45	13808	5.88	7.7
3	ACETYLENE	51	18936	8.07	10.7
4	PROPANE	66	23279	9.93	13.1
5	PROPYLENE	79	4210	1.79	2.3
6	PROPADIENE	93	446	0.18	0.2
7	ISOBUTANE	109	11414	4.86	6.4
8	N-BUTANE	125	28957	12.35	16.3
9	1-BUTENE	167	873	0.37	0.4
10	ISOBUTYLENE + T-2-BUTENE	196	1281	0.54	0.7
11	ISOPENTANE	236	38510	16.43	21.7
12	N-PENTANE	268	17642	7.52	9.9
13	CYCLOPENTANE	298	1443	0.61	0.7
14	HEXANES	536	45805	19.54	25.8

READY

METHANE - 2.79 PPM

*

SAMPLE DATE 10/15/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1230 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 3, 800' PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	27798	11.34	15.7	
2	ETHYLENE	45	14255	5.81	8.0	
3	ACETYLENE	51	18106	7.39	10.2	
4	PROPANE	66	24834	10.13	13.9	
5	PROPYLENE	79	3840	1.56	2.1	
6	PROPADIENE	93	352	0.14	0.1	
7	ISOBUTANE	109	11279	4.60	6.3	
8	N-BUTANE	125	33038	13.48	18.6	
9	1-BUTENE	167	781	0.31	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	839	0.34	0.4	
11	ISOPENTANE	236	42514	17.35	23.9	
12	N-PENTANE	268	19901	8.12	11.2	
13	CYCLOPENTANE	298	2282	0.93	1.2	
14	HEXANES	536	45117	18.41	25.4	

READY

METHANE - 2.77 PPM

SAMPLE DATE 10/15/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1236 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 4 420' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	27143	11.62	15.3
2	ETHYLENE	45	12201	5.22	6.8
3	ACETYLENE	51	17685	7.57	10.0
4	PROPANE	66	24538	10.50	13.8
5	PROPYLENE	79	3007	1.28	1.6
6	ISOBUTANE	109	12236	5.23	6.8
7	N-BUTANE	125	30476	13.05	17.1
8	1-BUTENE	167	812	0.34	0.3
9	ISOBUTYLENE + T-2-BUTENE	196	1000	0.42	0.5
10	ISOPENTANE	236	38778	16.60	21.8
11	N-PENTANE	268	19702	8.43	11.0
12	CYCLOPENTANE	298	2092	0.89	1.1
13	HEXANES	536	43798	18.75	24.6

READY

METHANE - 2.76 PPM

*

SAMPLE DATE 10/15/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1244 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 5, 700' PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	26002	10.90	14.6	
2	ETHYLENE	45	13119	5.50	7.3	
3	ACETYLENE	51	18439	7.73	10.3	
4	PROPANE	66	24277	10.18	13.6	
5	PROPYLENE	79	3845	1.61	2.1	
6	PROPADIENE	93	360	0.14	0.1	
7	ISOBUTANE	109	13268	5.56	7.5	
8	N-BUTANE	125	30744	12.89	17.3	
9	1-BUTENE	167	812	0.33	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	960	0.39	0.4	
11	ISOPENTANE	236	39792	16.69	22.5	
12	N-PENTANE	268	18548	7.77	10.4	
13	CYCLOPENTANE	298	1515	0.63	0.7	
14	HEXANES	536	46675	19.58	26.3	

READY

METHANE - 2.66 PPM

*

SAMPLE DATE 10/15/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1501 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 6, 4000' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPHMC	VOL.%
1	ETHANE	40	2291	14.88	1.2	
2	ETHYLENE	45	1504	9.76	0.7	
3	ACETYLENE	51	1209	7.85	0.6	
4	PROPANE	66	1622	10.53	0.8	
5	PROPYLENE	79	292	1.89	0.1	
6	ISOBUTANE	109	625	4.05	0.3	
7	N-BUTANE	125	1695	11.01	0.9	
8	1-BUTENE	167	84	0.54	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	117	0.75	0.0	
10	ISOPENTANE	236	2365	15.36	1.3	
11	N-PENTANE	268	952	6.18	0.4	
12	CYCLOPENTANE	298	97	0.62	0.0	
13	HEXANES	536	2539	16.49	1.4	

READY

METHANE - 1.78 PPM

*

SAMPLE DATE 10/15/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1510 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 7, 3000' — PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3252	14.52	1.7	
2	ETHYLENE	45	2006	8.95	1.0	
3	ACETYLENE	51	1934	8.63	1.0	
4	PROPANE	66	2392	10.68	1.3	
5	PROPYLENE	79	681	3.03	0.3	
6	ISOBUTANE	109	911	4.06	0.4	
7	N-BUTANE	125	2204	9.84	1.1	
8	ISOBUTYLENE + T-2-BUTENE	196	141	0.62	0.0	
9	ISOPENTANE	236	2986	13.33	1.6	
10	N-PENTANE	268	881	3.93	0.4	
11	HEXANES	536	5000	22.33	2.8	

READY

METHANE - 1.80 PPM

*

SAMPLE DATE 10/15/73

SAMPLE ID A3,GC-660, 1517 HRS.

SAMPLE NAME SMOG#3,BAG 8, 2000'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	2524	14.39	1.4
2	ETHYLENE	45	1239	7.06	0.6
3	ACETYLENE	51	1357	7.73	0.7
4	PROPANE	66	2291	13.06	1.2
5	PROPYLENE	79	344	1.95	0.1
6	ISOBUTANE	109	870	4.95	0.4
7	N-BUTANE	125	1914	10.91	1.0
8	ISOBUTYLENE + T-2-BUTENE	196	32	0.18	0.0
9	ISOPENTANE	236	2271	12.95	1.2
10	N-PENTANE	268	823	4.69	0.3
11	HEXANES	536	3868	22.06	2.1

READY

METHANE - 1.85 PPM

*

SAMPLE DATE 10/15/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1523 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 9, 1000' PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	13247	12.52	7.4
2	ETHYLENE	45	5347	5.05	2.9
3	ACETYLENE	51	7042	6.65	3.9
4	PROPANE	66	15957	15.08	8.9
5	PROPYLENE	79	1821	1.72	1.0
6	PROPADIENE	93	87	0.07	0.0
7	ISOBUTANE	109	4579	4.32	2.5
8	N-BUTANE	125	12000	11.34	6.7
9	1-BUTENE	167	230	0.21	0.0
10	ISOBUTYLENE + T-2-BUTENE	196	538	0.50	0.2
11	ISOPENTANE	236	14260	13.48	8.0
12	N-PENTANE	268	7225	6.82	4.0
13	CYCLOPENTANE	298	455	0.42	0.2
14	1-PENTENE	345	41	0.03	0.0
15	HEXANES	536	22913	21.66	12.8

READY

METHANE - 2.19 PPM

*

SAMPLE DATE 10/15/73

SAMPLE ID A3,GC-660, 1526 HRS.

SAMPLE NAME SMOG#3,BAG 10,.500'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14918	12.01	8.3	
2	ETHYLENE	45	7096	5.71	3.9	
3	ACETYLENE	51	8609	6.93	4.8	
4	PROPANE	66	18345	14.77	10.3	
5	PROPYLENE	79	2634	2.12	1.4	
6	PROPADIENE	93	166	0.13	0.0	
7	ISOBUTANE	109	5627	4.53	3.1	
8	N-BUTANE	125	13998	11.27	7.8	
9	1-BUTENE	167	270	0.21	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	614	0.49	0.3	
11	ISOPENTANE	236	16338	13.15	9.2	
12	N-PENTANE	268	8009	6.45	4.4	
13	CYCLOPENTANE	298	366	0.29	0.1	
14	HEXANES	536	27140	21.86	15.3	

READY

METHANE - 2.29 PPM

*

SAMPLE DATE 10/15/73

SAMPLE ID A3,GC-660, 0845 HRS.

SAMPLE NAME ARB VAN, DOWNEY

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	30574	11.37	16.7
2	ETHYLENE	45	18980	7.06	10.3
3	ACETYLENE	51	24581	9.14	13.5
4	PROPANE	66	23692	8.81	13.0
5	PROPYLENE	79	8234	3.06	4.5
6	PROPADIENE	93	623	0.22	0.3
7	ISOBUTANE	109	8804	3.27	4.8
8	N-BUTANE	125	27311	10.16	15.0
9	1-BUTENE	167	1908	0.70	1.0
10	ISOBUTYLENE + T-2-BUTENE	196	4931	1.83	2.6
11	ISOPENTANE	236	44578	16.58	24.5
12	N-PENTANE	268	18361	6.82	10.0
13	CYCLOPENTANE	298	1144	0.42	0.6
14	1-PENTENE	345	878	0.32	0.4
15	HEXANES	536	54121	20.13	29.8

READY

METHANE - 2.84 PPM

SAMPLE DATE 10/15/73 — GC CHANNEL 1

SAMPLE ID A3, GC-660, 0945 HRS. — REF. PEAK TIME 125

SAMPLE NAME ARB VAN, DOWNEY — PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	34939	10.52	19.2	
2	ETHYLENE	45	21135	6.36	11.6	
3	ACETYLENE	51	26007	7.83	14.2	
4	PROPANE	66	30226	9.10	16.6	
5	PROPYLENE	79	8570	2.58	4.6	
6	PROPADIENE	93	542	0.16	0.2	
7	ISOBUTANE	109	12071	3.63	6.6	
8	N-BUTANE	125	41238	12.42	22.7	
9	1-BUTENE	167	2291	0.68	1.2	
10	ISOBUTYLENE + T-2-BUTENE	196	5057	1.52	2.7	
11	ISOPENTANE	236	62036	18.69	34.1	
12	N-PENTANE	268	24825	7.47	13.6	
13	CYCLOPENTANE	298	2058	0.61	1.0	
14	1-PENTENE	345	1269	0.38	0.6	
15	HEXANES	536	59604	17.95	32.8	

READY

METHANE 2.97 PPM

*

SAMPLE DATE 10/15/73 — GC CHANNEL 1

SAMPLE ID A3.GC-660. 1040 HRS. — REF. PEAK TIME 125

SAMPLE NAME ARB VAN. PARAMOUNT — PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	26452	7.14	14.5	
2	ETHYLENE	45	26328	7.11	14.4	
3	ACETYLENE	51	27823	7.51	15.3	
4	PROPANE	66	22642	6.11	12.4	
5	PROPYLENE	79	10780	2.91	5.9	
6	PROPADIENE	93	1032	0.27	0.5	
7	ISOBUTANE	109	15307	4.13	8.4	
8	N-BUTANE	125	56291	15.20	31.0	
9	1-BUTENE	167	3236	0.87	1.7	
10	ISOBUTYLENE + T-2-BUTENE	196	6120	1.65	3.3	
11	ISOPENTANE	236	71167	19.22	39.2	
12	N-PENTANE	268	28874	7.80	15.8	
13	CYCLOPENTANE	298	3415	0.92	1.8	
14	1-PENTENE	345	1363	0.36	0.7	
15	HEXANES	536	69321	18.72	38.2	

READY

METHANE - 2.85 PPM

*

SAMPLE DATE 10/15/73

SAMPLE ID A3,GC-660, 1145 HRS.

SAMPLE NAME ARB VAN, LONG BEACH

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	22522	9.42	12.3	
2	ETHYLENE	45	14849	6.21	8.1	
3	ACETYLENE	51	19991	8.36	11.0	
4	PROPANE	66	24259	10.15	13.3	
5	PROPYLENE	79	5496	2.29	2.9	
6	PROPADIENE	93	493	0.20	0.2	
7	ISOBUTANE	109	18372	7.69	10.0	
8	N-BUTANE	125	32940	13.78	18.1	
9	1-BUTENE	167	1294	0.54	0.7	
10	ISOBUTYLENE + T-2-BUTENE	196	1984	0.83	1.0	
11	ISOPENTANE	236	40230	16.83	22.1	
12	N-PENTANE	268	16498	6.90	9.0	
13	CYCLOPENTANE	298	1223	0.50	0.6	
14	1-PENTENE	345	290	0.11	0.1	
15	HEXANES	536	38417	16.08	21.1	

READY

METHANE - 2.57 PPM

*

SAMPLE DATE 10/15/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1240 HRS. — REF. PEAK TIME 125

SAMPLE NAME ARB VAN, NORWALK — PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	31106	6.02	17.1	
2	ETHYLENE	45	39376	7.62	21.6	
3	ACETYLENE	51	61453	11.91	33.8	
4	PROPANE	66	26063	5.05	14.2	
5	PROPYLENE	79	16635	3.22	9.1	
6	ISOBUTANE	109	18830	3.64	10.3	
7	N-BUTANE	125	68061	13.18	37.5	
8	1-BUTENE	167	3857	0.74	2.1	
9	ISOBUTYLENE + T-2-BUTENE	196	10326	1.99	5.6	
10	ISOPENTANE	236	104987	20.34	57.8	
11	N-PENTANE	268	41955	8.12	23.1	
12	CYCLOPENTANE	298	5078	0.98	2.7	
13	1-PENTENE	345	2327	0.44	1.2	
14	HEXANES	536	85873	16.64	47.3	

READY

METHANE - 2.73 PPM

*

SAMPLE DATE 10/16/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1056 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 1, 900' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PNMC	VOL.%
1	ETHANE	40	55579	14.20	28.0	
2	ETHYLENE	45	33190	8.48	16.7	
3	ACETYLENE	51	35537	9.08	17.9	
4	PROPANE	66	47119	12.04	23.8	
5	PROPYLENE	79	8663	2.21	4.3	
6	ISOBUTANE	109	17624	4.50	8.9	
7	N-BUTANE	125	45977	11.75	23.2	
8	1-BUTENE	167	2576	0.65	1.2	
9	ISOBUTYLENE + T-2-BUTENE	196	2717	0.69	1.3	
10	ISOPENTANE	236	29971	7.65	15.1	
11	N-PENTANE	268	26278	6.71	13.2	
12	CYCLOPENTANE	298	3954	1.01	1.9	
13	HEXANES	536	81955	20.95	41.4	

READY

METHANE - 3.17 PPM

SAMPLE DATE 10/16/73 GC CHANNEL I

SAMPLE ID A3,GC-202, 1105 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 2, 900' PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9013	9.81	4.5	
2	ETHYLENE	43	7585	8.25	3.8	
3	ACETYLENE	51	7042	7.66	3.5	
4	PROPANE	66	4852	5.28	2.4	
5	PROPYLENE	79	1107	1.20	0.5	
6	ISOBUTANE	109	1988	2.16	0.9	
7	N-BUTANE	125	8551	9.31	4.2	
8	1-BUTENE	167	268	0.28	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	559	0.60	0.2	
10	ISOPENTANE	236	16257	17.70	8.2	
11	N-PENTANE	268	7099	7.73	3.5	
12	CYCLOPENTANE	298	1220	1.32	0.5	
13	1-PENTENE	345	437	0.47	0.1	
14	HEXANES	536	25856	28.15	13.0	

READY

METHANE - 2.07 PPM

*

SAMPLE DATE 10/16/73

SAMPLE ID A3,GC-202, 1115 HRS.

SAMPLE NAME SMOG#2,BAG 3, 500'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	39067	13.14	19.6
2	ETHYLENE	45	21884	7.36	11.0
3	ACETYLENE	51	18651	6.27	9.3
4	PROPANE	66	31585	10.62	15.9
5	PROPYLENE	79	4554	1.53	2.2
6	ISOBUTANE	109	16555	5.56	8.3
7	N-BUTANE	125	32404	10.90	16.3
8	1-BUTENE	167	1376	0.46	0.6
9	ISOBUTYLENE + T-2-BUTENE	196	2063	0.69	1.0
10	ISOPENTANE	236	43728	14.71	22.1
11	N-PENTANE	268	19930	6.70	10.0
12	CYCLOPENTANE	298	3453	1.15	1.7
13	1-PENTENE	345	175	0.05	0.0
14	HEXANES	536	61699	20.76	31.1

READY

METHANE - 2.91 PPM

SAMPLE DATE 10/16/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1123 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4, 300' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	23375	10.97	11.7	
2	ETHYLENE	45	18561	8.71	9.3	
3	ACETYLENE	51	13354	6.26	6.7	
4	PROPANE	66	16358	7.67	8.2	
5	PROPYLENE	79	4240	1.98	2.1	
6	ISOBUTANE	109	11757	5.51	5.9	
7	N-BUTANE	125	25221	11.84	12.7	
8	1-BUTENE	167	1046	0.48	0.4	
9	ISOBUTYLENE + T-2-BUTENE	196	1489	0.69	0.7	
10	ISOPENTANE	236	35429	16.63	17.8	
11	N-PENTANE	268	14246	6.68	7.1	
12	CYCLOPENTANE	298	1860	0.87	0.9	
13	HEXANES	536	46058	21.62	23.2	

READY

METHANE - 2.53 PPM

*

SAMPLE DATE 10/16/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 1133 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 5, 900' | PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	4738	13.49	2.3	
2	ETHYLENE	45	2055	5.85	1.0	
3	ACETYLENE	51	1655	4.71	0.7	
4	PROPANE	66	2026	5.77	1.0	
5	PROPYLENE	79	102	0.28	0.0	
6	ISOBUTANE	109	1415	4.03	0.7	
7	N-BUTANE	125	4276	12.18	2.1	
8	1-BUTENE	167	54	0.15	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	386	1.09	0.1	
10	ISOPENTANE	236	5891	16.78	2.9	
11	N-PENTANE	268	2468	7.03	1.1	
12	HEXANES	536	10029	28.57	5.0	

READY

METHANE - 1.88 PPM

SAMPLE DATE 10/16/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1441 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 6, 1500' PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	22764	9.72	11.4
2	ETHYLENE	45	16609	7.09	8.3
3	ACETYLENE	51	16982	7.25	8.5
4	PROPANE	66	18190	7.77	9.1
5	PROPYLENE	79	1601	0.68	0.7
6	ISOBUTANE	109	10505	4.48	5.3
7	N-BUTANE	125	26919	11.50	13.5
8	1-BUTENE	167	130	0.05	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	735	0.31	0.3
10	ISOPENTANE	236	41347	17.66	20.8
11	N-PENTANE	268	18217	7.78	9.1
12	CYCLOPENTANE	298	3165	1.35	1.5
13	1-PENTENE	345	602	0.25	0.2
14	HEXANES	536	56216	24.02	28.3

READY

METHANE - 2.42 PPM

SAMPLE DATE 10/16/73

SAMPLE ID A3,GC-202, 1448 HRS.

SAMPLE NAME SMOG#2,BAG 7 , 1250'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	22968	9.39	11.5	
2	ETHYLENE	45	16899	6.91	8.5	
3	ACETYLENE	51	15814	6.46	7.9	
4	PROPANE	66	17391	7.11	8.7	
5	PROPYLENE	79	1746	0.71	0.8	
6	ISOBUTANE	109	12231	5.00	6.1	
7	N-BUTANE	125	29615	12.11	14.9	
8	1-BUTENE	167	658	0.26	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	612	0.25	0.2	
10	ISOPENTANE	236	40906	16.73	20.6	
11	N-PENTANE	268	17427	7.12	8.7	
12	CYCLOPENTANE	298	2700	1.10	1.3	
13	HEXANES	536	65413	26.76	33.0	

READY

METHANE - 2.47 PPM

*

SAMPLE DATE 10/16/73

SAMPLE ID A3,GC-202, 1455 HRS.

SAMPLE NAME SMOG#2,BAG 8, 1100'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	23634	9.16	11.9
2	ETHYLENE	45	18632	7.22	9.3
3	ACETYLENE	51	25709	9.96	12.9
4	PROPANE	66	23710	9.19	11.9
5	PROPYLENE	79	2660	1.02	1.3
6	ISOBUTANE	109	12966	5.02	6.4
7	N-BUTANE	125	31015	12.02	15.6
8	1-BUTENE	167	317	0.12	0.1
9	ISOBUTYLENE + T-2-BUTENE	196	680	0.26	0.3
10	ISOPENTANE	236	42770	16.58	21.5
11	N-PENTANE	268	17847	6.91	8.9
12	CYCLOPENTANE	298	3016	1.16	1.4
13	HEXANES	536	54965	21.31	27.7

READY

METHANE - 2.44 PPM

SAMPLE DATE 10/16/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1501 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 9, 800' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	33015	11.98	16.6	
2	ETHYLENE	45	19114	6.93	9.6	
3	ACETYLENE	51	22519	8.17	11.3	
4	PROPANE	66	25146	9.12	12.6	
5	PROPYLENE	79	2095	0.75	1.0	
6	ISOBUTANE	109	12477	4.52	6.2	
7	N-BUTANE	125	30648	11.12	15.4	
8	1-BUTENE	167	257	0.09	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	491	0.17	0.2	
10	ISOPENTANE	236	41744	15.14	21.0	
11	N-PENTANE	268	18518	6.71	9.2	
12	CYCLOPENTANE	298	2665	0.96	1.3	
13	HEXANES	536	66815	24.24	33.7	

READY

METHANE - 2.70 PPM

SAMPLE DATE 10/16/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1506 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 10, 550° — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	34630	9.85	17.5
2	ETHYLENE	45	30051	8.54	15.1
3	ACETYLENE	51	31666	9.00	16.0
4	PROPANE	66	27142	7.72	13.6
5	PROPYLENE	79	7439	2.11	3.7
6	ISOBUTANE	109	13506	3.84	6.7
7	N-BUTANE	125	38091	10.83	19.2
8	1-BUTENE	167	1690	0.47	0.7
9	ISOBUTYLENE + T-2-BUTENE	196	3188	0.90	1.5
10	ISOPENTANE	236	57638	16.40	29.1
11	N-PENTANE	268	23665	6.73	11.9
12	CYCLOPENTANE	298	2671	0.75	1.3
13	HEXANES	536	80055	22.77	40.4

READY

METHANE - 2.77 PPM

SAMPLE DATE 10/16/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0946 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 1 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	10316	10.86	5.6	
2	ETHYLENE	45	7054	7.42	3.8	
3	ACETYLENE	51	8160	8.59	4.4	
4	PROPANE	66	1[illegible]217	10.75	5.6	
5	PROPYLENE	79	853	0.89	0.4	
6	ISOBUTANE	109	4508	4.74	2.4	
7	N-BUTANE	125	11320	11.91	6.1	
8	1-BUTENE	167	151	0.15	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	563	0.59	0.2	
10	ISOPENTANE	236	15310	16.11	8.4	
11	N-PENTANE	268	6929	7.29	3.7	
12	CYCLOPENTANE	298	944	0.99	0.4	
13	HEXANES	536	18648	19.63	10.2	

READY

METHANE - 2.25 PPM

*

SAMPLE DATE 10/16/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0953 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 2 PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9689	9.70	5.3	
2	ETHYLENE	45	7899	7.91	4.2	
3	ACETYLENE	51	9226	9.23	5.0	
4	PROPANE	66	8741	8.75	4.7	
5	PROPYLENE	79	1593	1.59	0.8	
6	PROPADIENE	93	100	0.09	0.0	
7	ISOBUTANE	109	3986	3.99	2.1	
8	N-BUTANE	125	11399	11.41	6.2	
9	1-BUTENE	167	366	0.36	0.1	
10	ISOBUTYLENE + T-2-BUTENE	196	1002	1.00	0.5	
11	ISOPENTANE	236	17556	17.58	9.6	
12	N-PENTANE	268	7335	7.34	3.9	
13	CYCLOPENTANE	298	483	0.48	0.2	
14	1-PENTENE	345	67	0.06	0.0	
15	HEXANES	536	20413	20.44	11.2	

READY

METHANE - 2.14 PPM

*

SAMPLE DATE 10/16/73

SAMPLE ID A3,GC-660, 1002 HRS.

SAMPLE NAME SMOG#3,BAG 3

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	39299	8.06	21.4	
2	ETHYLENE	45	33044	6.78	18.0	
3	ACETYLENE	51	44192	9.06	24.1	
4	PROPANE	66	36665	7.52	20.0	
5	PROPYLENE	79	14322	2.93	7.8	
6	PROPADIENE	93	1421	0.28	0.7	
7	ISOBUTANE	109	18188	3.73	9.9	
8	N-BUTANE	125	52043	10.67	28.3	
9	1-BUTENE	167	3891	0.79	2.1	
10	ISOBUTYLENE + T-2-BUTENE	196	7908	1.62	4.2	
11	ISOPENTANE	236	85103	17.46	46.4	
12	N-PENTANE	268	36136	7.41	19.6	
13	CYCLOPENTANE	298	4158	0.85	2.2	
14	1-PENTENE	345	1732	0.35	0.9	
15	HEXANES	536	109188	22.40	59.6	

READY

METHANE : 3.16 PPM

*

SAMPLE DATE 10/16/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1323 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 4, 1050' PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	26000	9.14	14.2	
2	ETHYLENE	45	19476	6.84	10.7	
3	ACETYLENE	51	26844	9.43	14.7	
4	PROPANE	66	23831	8.38	13.1	
5	PROPYLENE	79	5908	2.07	3.2	
6	PROPADIENE	93	722	0.25	0.3	
7	ISOBUTANE	109	14890	5.23	8.2	
8	N-BUTANE	125	33535	11.79	18.4	
9	1-BUTENE	167	1230	0.43	0.6	
10	ISOBUTYLENE + T-2-BUTENE	196	1837	0.64	0.9	
11	ISOPENTANE	236	48470	17.04	26.7	
12	N-PENTANE	268	20210	7.10	11.0	
13	CYCLOPENTANE	298	1157	0.40	0.6	
14	1-PENTENE	345	833	0.29	0.3	
15	HEXANES	536	59385	20.88	32.7	

READY

METHANE - 2.71 PPM

*

SAMPLE DATE 10/16/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1330 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 5, 840' PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	24891	8.88	13.6	
2	ETHYLENE	45	18698	6.67	10.2	
3	ACETYLENE	51	25959	9.26	14.2	
4	PROPANE	66	23265	8.30	12.8	
5	PROPYLENE	79	5434	1.93	2.9	
6	PROPADIENE	93	677	0.24	0.3	
7	ISOBUTANE	109	14550	5.19	7.9	
8	N-BUTANE	125	32710	11.67	17.9	
9	1-BUTENE	167	1196	0.42	0.6	
10	ISOBUTYLENE + T-2-BUTENE	196	1951	0.69	1.0	
11	ISOPENTANE	236	48656	17.36	26.7	
12	N-PENTANE	268	20963	7.48	11.4	
13	CYCLOPENTANE	298	2006	0.71	1.0	
14	1-PENTENE	345	673	0.23	0.3	
15	HEXANES	536	58479	20.87	32.1	

READY

METHANE - 2.62 PPM

*

SAMPLE DATE 10/16/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1341 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 6, 700' PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	22096	8.86	12.1
2	ETHYLENE	45	15570	6.24	8.5
3	ACETYLENE	51	21354	8.56	11.7
4	PROPANE	66	21549	8.64	11.8
5	PROPYLENE	79	4572	1.83	2.5
6	ISOBUTANE	109	14458	5.80	7.9
7	N-BUTANE	125	30238	12.13	16.6
8	1-BUTENE	167	1121	0.44	0.5
9	ISOBUTYLENE + T-2-BUTENE	196	1789	0.71	0.9
10	ISOPENTANE	236	43284	17.37	23.8
11	N-PENTANE	268	18586	7.45	10.2
12	CYCLOPENTANE	298	1238	0.49	0.6
13	1-PENTENE	345	272	0.10	0.0
14	HEXANES	536	53005	21.27	29.2

READY

METHANE - 2.47 PPM

*

SAMPLE DATE 10/16/73

SAMPLE ID A3,GC-660, 1345 HRS.

SAMPLE NAME SMOG#3,BAG 7, 720'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	21893	8.92	12.0
2	ETHYLENE	45	15556	6.34	8.5
3	ACETYLENE	51	21692	8.84	11.9
4	PROPANE	66	21440	8.74	11.7
5	PROPYLENE	79	4338	1.76	2.3
6	PROPADIENE	93	531	0.21	0.2
7	ISOBUTANE	109	13725	5.59	7.5
8	N-BUTANE	125	29581	12.06	16.2
9	1-BUTENE	167	1129	0.45	0.5
10	ISOBUTYLENE + T-2-BUTENE	196	1377	0.56	0.7
11	ISOPENTANE	236	41591	16.96	22.8
12	N-PENTANE	268	17470	7.12	9.6
13	CYCLOPENTANE	298	1239	0.50	0.6
14	1-PENTENE	345	225	0.09	0.0
15 READY	HEXANES	536	53318	21.75	29.3

METHANE - 2.43 PPM

SAMPLE DATE 10/16/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1352 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 8, 720' PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	21898	9.09	12.0	
2	ETHYLENE	45	15985	6.63	8.7	
3	ACETYLENE	51	22517	9.35	12.3	
4	PROPANE	66	20833	8.65	11.4	
5	PROPYLENE	79	4660	1.93	2.5	
6	PROPADIENE	93	626	0.25	0.3	
7	ISOBUTANE	109	13108	5.44	7.1	
8	N-BUTANE	125	28473	11.82	15.7	
9	1-BUTENE	167	792	0.32	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	1336	0.55	0.7	
11	ISOPENTANE	236	41421	17.20	22.8	
12	N-PENTANE	268	17414	7.23	9.5	
13	CYCLOPENTANE	298	1124	0.46	0.5	
14	1-PENTENE	345	206	0.08	0.0	
15	HEXANES	536	50348	20.91	27.7	

READY

METHANE - 2.59 PPM

*

SAMPLE DATE 10/16/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1537 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 9 — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PMMC	VOL.%
1	ETHANE	40	19405	9.09	10.6	
2	ETHYLENE	45	11678	5.47	6.4	
3	ACETYLENE	51	16528	7.74	9.0	
4	PROPANE	66	21911	10.26	12.0	
5	PROPYLENE	79	1959	0.91	1.0	
6	ISOBUTANE	109	18753	8.78	10.3	
7	N-BUTANE	125	26909	12.60	14.7	
8	1-BUTENE	167	612	0.28	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	644	0.29	0.3	
10	ISOPENTANE	236	36036	16.88	19.8	
11	N-PENTANE	268	16866	7.90	9.2	
12	CYCLOPENTANE	298	1231	0.57	0.6	
13	HEXANES	536	40883	19.15	22.5	

READY

METHANE - 2.33 PPM

*

SAMPLE DATE 10/16/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1541 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 10 PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	20936	9.21	11.4	
2	ETHYLENE	45	14735	6.48	8.1	
3	ACETYLENE	51	15795	6.95	8.6	
4	PROPANE	66	24368	10.72	13.4	
5	PROPYLENE	79	2945	1.29	1.5	
6	PROPADIENE	93	449	0.19	0.2	
7	ISOBUTANE	109	19184	8.44	10.5	
8	N-BUTANE	125	29621	13.04	16.3	
9	1-BUTENE	167	964	0.42	0.4	
10	ISOBUTYLENE + T-2-BUTENE	196	1553	0.68	0.7	
11	ISOPENTANE	236	36419	16.03	20.0	
12	N-PENTANE	268	16950	7.46	9.2	
13	CYCLOPENTANE	298	1890	0.83	1.0	
14	HEXANES	536	41333	18.19	22.7	

READY

METHANE - 2.44 PPM

*

SAMPLE DATE 10/16/73 | GC CHANNEL 1

SAMPLE ID A3,GC-660, 1605 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 11 | PK NO BIG AREA 13

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	3048	11.83	1.6	
2	ETHYLENE	45	2320	9.00	1.2	
3	ACETYLENE	51	2569	9.97	1.4	
4	PROPANE	66	2276	8.83	1.2	
5	PROPYLENE	79	687	2.66	0.3	
6	PROPADIENE	93	76	0.29	0.0	
7	ISOBUTANE	109	827	3.21	0.3	
8	N-BUTANE	125	2536	9.84	1.3	
9	1-BUTENE	167	76	0.29	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	260	1.00	0.0	
11	ISOPENTANE	236	3974	15.43	2.1	
12	N-PENTANE	268	1483	5.75	0.7	
13	HEXANES	536	5617	21.81	3.0	

READY

METHANE - 1.73 PPM

*

SAMPLE DATE 10/16/73

SAMPLE ID A3,GC-660, 1633 HRS.

SAMPLE NAME SMOG#3,BAG 12

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9911	11.59	5.3	
2	ETHYLENE	45	3839	4.48	2.1	
3	ACETYLENE	51	8072	9.44	4.3	
4	PROPANE	66	10608	12.41	5.7	
5	PROPYLENE	79	588	0.68	0.3	
6	ISOBUTANE	109	4875	5.70	2.6	
7	N-BUTANE	125	11185	13.08	6.0	
8	1-BUTENE	167	48	0.05	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	34	0.03	0.0	
10	ISOPENTANE	236	15096	17.66	8.2	
11	N-PENTANE	268	6670	7.80	3.6	
12	CYCLOPENTANE	298	234	0.27	0.0	
13	HEXANES	536	14300	16.73	7.8	

READY

METHANE - 2.14 PPM

*

SAMPLE DATE 10/16/73

SAMPLE ID A3,GC-660, 1645 HRS.

SAMPLE NAME SMOG#3,BAG 13

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PMMC	VOL.%
1	ETHANE	40	17984	9.93	9.8	
2	ETHYLENE	45	7255	4.00	3.9	
3	ACETYLENE	51	15390	8.49	8.4	
4	PROPANE	66	19972	11.02	10.9	
5	PROPYLENE	79	1276	0.70	0.7	
6	PROPADIENE	93	159	0.08	0.0	
7	ISOBUTANE	109	10500	5.79	5.7	
8	N-BUTANE	125	22492	12.42	12.3	
9	1-BUTENE	167	211	0.11	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	174	0.09	0.0	
11	ISOPENTANE	236	30430	16.80	16.7	
12	N-PENTANE	268	14141	7.80	7.7	
13	CYCLOPENTANE	298	1301	0.71	0.7	
14	HEXANES	536	39753	21.95	21.8	

READY

METHANE - 2.47 PPM

*

SAMPLE DATE 10/16/73 | GC CHANNEL 1
SAMPLE ID A3,GC-202, 0940 HRS. | REF. PEAK TIME 125
SAMPLE NAME ARB VAN, LOS ANGELES | PK NO BIG AREA 15
PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	38768	5.35	19.5	
2	ETHYLENE	45	68449	9.45	34.6	
3	ACETYLENE	51	64434	8.89	32.5	
4	PROPANE	66	28161	3.88	14.2	
5	PROPYLENE	79	26644	3.67	13.4	
6	PROPADIENE	93	1440	0.19	0.7	
7	ISOBUTANE	109	18228	2.51	9.2	
8	N-BUTANE	125	78333	10.81	39.6	
9	1-BUTENE	167	6487	0.89	3.2	
10	ISOBUTYLENE + T-2-BUTENE	196	13151	1.81	6.6	
11	ISOPENTANE	236	131938	18.22	66.7	
12	N-PENTANE	268	47942	6.61	24.2	
13	CYCLOPENTANE	298	6531	0.90	3.2	
14	1-PENTENE	345	1000	0.13	0.4	
15	HEXANES	536	192532	26.58	97.3	

READY

METHANE - 3.38 PPM

*

SAMPLE DATE 10/16/73

SAMPLE ID A3,GC-202, 1045 HRS.

SAMPLE NAME ARB VAN, LOS ANGELES

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	51976	10.02	26.2	
2	ETHYLENE	45	42497	8.20	21.4	
3	ACETYLENE	51	37012	7.14	18.6	
4	PROPANE	66	47434	9.15	23.9	
5	PROPYLENE	79	13214	2.54	6.6	
6	PROPADIENE	93	328	0.06	0.1	
7	ISOBUTANE	109	20209	3.90	10.1	
8	N-BUTANE	125	59485	11.47	30.0	
9	1-BUTENE	167	3479	0.67	1.7	
10	ISOBUTYLENE + T-2-BUTENE	196	5937	1.14	2.9	
11	ISOPENTANE	236	80480	15.53	40.7	
12	N-PENTANE	268	32874	6.34	16.5	
13	CYCLOPENTANE	298	4586	0.88	2.2	
14	1-PENTENE	345	2927	0.56	1.4	
15	HEXANES	536	115711	22.32	58.5	

READY

METHANE - 3.19 PPM

*

SAMPLE DATE 10/16/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1140 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, CULVER CITY PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13893	8.99	7.5	
2	ETHYLENE	45	9766	6.32	5.3	
3	ACETYLENE	51	10383	6.72	5.6	
4	PROPANE	66	13539	8.76	7.3	
5	PROPYLENE	79	4032	2.60	2.1	
6	PROPADIENE	93	262	0.16	0.0	
7	ISOBUTANE	109	12759	8.26	6.9	
8	N-BUTANE	125	20359	13.18	11.0	
9	1-BUTENE	167	1086	0.70	0.5	
10	ISOBUTYLENE + T-2-BUTENE	196	2056	1.33	1.0	
11	ISOPENTANE	236	25723	16.65	13.9	
12	N-PENTANE	268	10744	6.95	5.8	
13	CYCLOPENTANE	298	420	0.27	0.1	
14	1-PENTENE	345	498	0.32	0.2	
15	HEXANES	536	28879	18.70	15.7	

READY

METHANE - 2.22 PPM

SAMPLE DATE 10/17/73

SAMPLE ID A3,GC-202, 1030 HRS.

SAMPLE NAME SMOG#2,BAG 1, 300'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	55014	10.75	24.5
2	ETHYLENE	45	38616	7.54	17.1
3	ACETYLENE	51	40498	7.91	18.0
4	PROPANE	66	47424	9.26	21.1
5	PROPYLENE	79	9844	1.92	4.3
6	ISOBUTANE	109	24286	4.74	10.7
7	N-BUTANE	125	49019	9.57	21.8
8	1-BUTENE	167	2065	0.40	0.8
9	ISOBUTYLENE + T-2-BUTENE	196	3259	0.63	1.4
10	ISOPENTANE	236	80367	15.70	35.8
11	N-PENTANE	268	34758	6.79	15.4
12	CYCLOPENTANE	298	5937	1.15	2.5
13	HEXANES	536	120507	23.55	53.8

READY

METHANE - 3.01 PPM

*

SAMPLE DATE 10/17/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1043 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 2, 700' PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	20986	11.86	9.2	
2	ETHYLENE	45	13850	7.83	6.1	
3	ACETYLENE	51	16790	9.49	7.5	
4	PROPANE	66	14461	8.17	6.4	
5	PROPYLENE	79	3138	1.77	1.3	
6	ISOBUTANE	109	4755	2.68	2.1	
7	N-BUTANE	125	15950	9.02	7.1	
8	ISOBUTYLENE + T-2-BUTENE	196	871	0.49	0.3	
9	ISOPENTANE	236	26418	14.94	11.7	
10	N-PENTANE	268	11458	6.47	5.0	
11	CYCLOPENTANE	298	2155	1.21	0.9	
12	HEXANES	536	45966	25.99	20.4	

READY

METHANE - 2.21 PPM

*

SAMPLE DATE 10/17/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1050 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 3, 900' PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	8514	11.94	3.7	
2	ETHYLENE	45	5333	7.48	2.3	
3	ACETYLENE	51	6457	9.06	2.8	
4	PROPANE	66	5252	7.36	2.3	
5	PROPYLENE	79	1554	2.17	0.6	
6	ISOBUTANE	109	2205	3.09	0.9	
7	N-BUTANE	125	6966	9.77	3.0	
8	1-BUTENE	167	96	0.13	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	389	0.54	0.1	
10	ISOPENTANE	236	11240	15.77	5.0	
11	N-PENTANE	268	5183	7.27	2.2	
12	HEXANES	536	18061	25.34	8.0	

READY

METHANE - 1.94 PPM

*

SAMPLE DATE 10/17/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1057 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4, 700' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	12277	11.30	5.4	
2	ETHYLENE	45	7326	6.74	3.2	
3	ACETYLENE	51	9076	8.35	3.9	
4	PROPANE	66	7971	7.33	3.5	
5	PROPYLENE	79	1636	1.50	0.7	
6	ISOBUTANE	109	3638	3.34	1.5	
7	N-BUTANE	125	10620	9.77	4.6	
8	1-BUTENE	167	204	0.18	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	661	0.60	0.2	
10	ISOPENTANE	236	18154	16.71	8.0	
11	N-PENTANE	268	8777	8.08	3.9	
12	CYCLOPENTANE	298	2005	1.84	0.8	
13	HEXANES	536	26252	24.17	11.7	

READY

METHANE - 2.12 PPM

*

SAMPLE DATE 10/17/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1105 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 5, 500' PK NO BIG AREA 4

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	44346	7.21	19.7	
2	ETHYLENE	45	15239	2.47	6.7	
3	ACETYLENE	51	17805	2.89	7.8	
4	PROPANE	66	163498	26.61	72.9	
5	PROPYLENE	79	4774	0.77	2.1	
6	ISOBUTANE	109	67352	10.96	30.0	
7	N-BUTANE	125	105776	17.21	47.1	
8	1-BUTENE	167	1268	0.20	0.5	
9	ISOBUTYLENE + T-2-BUTENE	196	2007	0.32	0.8	
10	ISOPENTANE	236	69188	11.26	30.8	
11	N-PENTANE	268	37328	6.07	16.6	
12	CYCLOPENTANE	298	4426	0.72	1.9	
13	1-PENTENE	345	1340	0.21	0.5	
14	HEXANES	536	79924	13.00	35.6	

READY

METHANE - 2.36 PPM

*

SAMPLE DATE	10/17/73	GC CHANNEL	1
SAMPLE ID	A3,GC-202, ???? HRS.	REF. PEAK TIME	125
SAMPLE NAME	SMOG#2,BAG 6	PK NO BIG AREA	13
		PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	12304	8.96	5.4	
2	ETHYLENE	45	5714	4.16	2.5	
3	ACETYLENE	51	7203	5.24	3.2	
4	PROPANE	66	20424	14.88	9.0	
5	PROPYLENE	79	254	0.18	0.0	
6	ISOBUTANE	109	7653	5.57	3.3	
7	N-BUTANE	125	12461	9.08	5.5	
8	1-BUTENE	167	1373	0.99	0.5	
9	ISOBUTYLENE + T-2-BUTENE	196	1429	1.04	0.6	
10	ISOPENTANE	236	24444	17.81	10.8	
11	N-PENTANE	268	12382	9.02	5.4	
12	CYCLOPENTANE	298	2842	2.06	1.2	
13	HEXANES	536	28711	20.92	12.8	

READY

METHANE - 1.98 PPM

*

SAMPLE DATE 10/17/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 7 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13340	8.12	5.9	
2	ETHYLENE	45	6721	4.09	2.9	
3	ACETYLENE	51	9273	5.64	4.1	
4	PROPANE	66	27038	16.46	12.0	
5	PROPYLENE	79	1125	0.68	0.4	
6	ISOBUTANE	109	13346	8.12	5.9	
7	N-BUTANE	125	21298	12.96	9.4	
8	1-BUTENE	167	125	0.07	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	533	0.32	0.2	
10	ISOPENTANE	236	24886	15.15	11.0	
11	N-PENTANE	268	11767	7.16	5.2	
12	CYCLOPENTANE	298	2210	1.34	0.9	
13	HEXANES	536	32510	19.79	14.4	

READY

METHANE - 2.01 PPM

*

SAMPLE DATE 10/17/73

SAMPLE ID A3,GC-202, ???? HRS.

SAMPLE NAME SMOG#2,BAG 8

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10572	7.33	4.6	
2	ETHYLENE	45	8366	5.80	3.6	
3	ACETYLENE	51	9110	6.32	4.0	
4	PROPANE	66	23445	16.27	10.4	
5	PROPYLENE	79	1473	1.02	0.6	
6	ISOBUTANE	109	10885	7.55	4.8	
7	N-BUTANE	125	17525	12.16	7.8	
8	1-BUTENE	167	508	0.35	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	523	0.36	0.1	
10	ISOPENTANE	236	22502	15.62	10.0	
11	N-PENTANE	268	10425	7.23	4.6	
12	CYCLOPENTANE	298	1642	1.13	0.7	
13	HEXANES	536	27044	18.77	12.0	

READY

METHANE - 2.00 PPM

*

SAMPLE DATE 10/17/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 9 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11382	9.34	5.0	
2	ETHYLENE	45	5073	4.16	2.2	
3	ACETYLENE	51	6329	5.19	2.8	
4	PROPANE	66	17500	14.37	7.8	
5	PROPYLENE	79	198	0.16	0.0	
6	ISOBUTANE	109	7230	5.93	3.2	
7	N-BUTANE	125	13515	11.09	6.0	
8	1-BUTENE	167	285	0.23	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	704	0.57	0.3	
10	ISOPENTANE	236	22140	18.18	9.8	
11	N-PENTANE	268	10830	8.89	4.7	
12	CYCLOPENTANE	298	1165	0.95	0.4	
13	HEXANES	536	25407	20.86	11.3	

READY

METHANE - 1.95 PPM

*

SAMPLE DATE 10/17/73

SAMPLE ID A3,GC-202, ???? HRS.

SAMPLE NAME SMOG#2,BAG 10

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13621	9.37	6.0	
2	ETHYLENE	45	5397	3.71	2.3	
3	ACETYLENE	51	7941	5.46	3.5	
4	PROPANE	66	23499	16.17	10.4	
5	PROPYLENE	79	935	0.64	0.3	
6	ISOBUTANE	109	10618	7.30	4.6	
7	N-BUTANE	125	18442	12.69	8.2	
8	1-BUTENE	167	497	0.34	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	361	0.24	0.1	
10	ISOPENTANE	236	21764	14.98	9.6	
11	N-PENTANE	268	10452	7.19	4.6	
12	CYCLOPENTANE	298	2164	1.48	0.9	
13	HEXANES	536	29543	20.33	13.1	

READY

METHANE - 1.98 PPM

SAMPLE DATE 10/17/73

SAMPLE ID A3,GC-660, 1346 HRS.

SAMPLE NAME SMOG#3,BAG 1, 1000'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7801	10.08	4.2	
2	ETHYLENE	45	5571	7.20	2.9	
3	ACETYLENE	51	7325	9.46	3.9	
4	PROPANE	66	6502	8.40	3.5	
5	PROPYLENE	79	1201	1.55	0.6	
6	PROPADIENE	93	87	0.10	0.0	
7	ISOBUTANE	109	2984	3.85	1.5	
8	N-BUTANE	125	9603	12.41	5.2	
9	1-BUTENE	167	343	0.44	0.1	
10	ISOBUTYLENE + T-2-BUTENE	196	304	0.39	0.1	
11	ISOPENTANE	236	14216	18.38	7.7	
12	N-PENTANE	268	5685	7.34	3.0	
13	CYCLOPENTANE	298	145	0.18	0.0	
14	HEXANES	536	15569	20.12	8.4	

READY

METHANE - 1.99 PPM

*

SAMPLE DATE 10/17/73

SAMPLE ID A3,GC-660, 1351 HRS.

SAMPLE NAME SMOG#3,BAG 2, 800'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	18018	11.26	9.8
2	ETHYLENE	45	6304	3.93	3.4
3	ACETYLENE	51	7417	4.63	3.9
4	PROPANE	66	26662	16.66	14.5
5	PROPYLENE	79	1934	1.20	1.0
6	ISOBUTANE	109	11116	6.94	6.0
7	N-BUTANE	125	22133	13.83	12.0
8	1-BUTENE	167	420	0.26	0.1
9	ISOBUTYLENE + T-2-BUTENE	196	890	0.55	0.4
10	ISOPENTANE	236	22762	14.22	12.4
11	N-PENTANE	268	13172	8.23	7.1
12	CYCLOPENTANE	298	1035	0.64	0.5
13	HEXANES	536	28134	17.58	15.3

READY

METHANE - 2.25 PPM

SAMPLE DATE 10/17/73

SAMPLE ID A3, GC-660, 1419 HRS.

SAMPLE NAME SMOG#3, BAG 3, 600'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	11911	8.01	6.4	
2	ETHYLENE	45	3683	2.47	1.9	
3	ACETYLENE	51	5331	3.58	2.8	
4	PROPANE	66	23208	15.61	12.6	
5	PROPYLENE	79	2923	1.96	1.5	
6	ISOBUTANE	109	20147	13.55	10.9	
7	N-BUTANE	125	16961	11.41	9.2	
8	1-BUTENE	167	837	0.56	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1015	0.68	0.5	
10	ISOPENTANE	236	23444	15.77	12.7	
11	N-PENTANE	268	13365	8.99	7.2	
12	CYCLOPENTANE	298	633	0.42	0.3	
13	1-PENTENE	345	291	0.19	0.1	
14	HEXANES	536	24836	16.71	13.5	

READY

METHANE - 2.01 PPM

*

SAMPLE DATE 10/17/73

SAMPLE ID A3,GC-660, 1423 HRS.

SAMPLE NAME SMOG#3,BAG 4, 500'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC VOL.%
1	ETHANE	40	21532	11.24	11.7
2	ETHYLENE	45	10190	5.31	5.5
3	ACETYLENE	51	10924	5.70	5.9
4	PROPANE	66	30054	15.69	16.4
5	PROPYLENE	79	3562	1.85	1.8
6	PROPADIENE	93	319	0.16	0.1
7	ISOBUTANE	109	9773	5.10	5.3
8	N-BUTANE	125	27163	14.18	14.7
9	1-BUTENE	167	573	0.29	0.3
10	ISOBUTYLENE + T-2-BUTENE	196	1231	0.64	0.6
11	ISOPENTANE	236	27779	14.50	15.1
12	N-PENTANE	268	13125	6.85	7.1
13	CYCLOPENTANE	298	805	0.41	0.3
14	1-PENTENE	345	297	0.15	0.1
15	HEXANES	536	34183	17.84	18.6

READY

METHANE - 2.18 PPM

*

SAMPLE DATE 10/17/73

SAMPLE ID A3,GC-660, 1427 HRS.

SAMPLE NAME SMOG#3,BAG 5, 600'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	18533	8.62	10.0
2	ETHYLENE	45	8972	4.17	4.8
3	ACETYLENE	51	11770	5.47	6.4
4	PROPANE	66	31973	14.88	17.4
5	PROPYLENE	79	3038	1.41	1.6
6	PROPADIENE	93	178	0.08	0.0
7	ISOBUTANE	109	10565	4.91	5.7
8	N-BUTANE	125	29034	13.51	15.8
9	1-BUTENE	167	7001	3.25	3.7
10	ISOBUTYLENE + T-2-BUTENE	196	1189	0.55	0.6
11	ISOPENTANE	236	31779	14.79	17.3
12	N-PENTANE	268	15931	7.41	8.6
13	CYCLOPENTANE	298	1431	0.66	0.7
14	1-PENTENE	345	90	0.03	0.0
15	HEXANES	536	43274	20.14	23.5

READY

METHANE - 2.45 PPM

*

SAMPLE DATE 10/17/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1546 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 6 PK NO BIG AREA 8

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5402	9.15	2.8	
2	ETHYLENE	45	3101	5.25	1.6	
3	ACETYLENE	51	4073	6.90	2.1	
4	PROPANE	66	8035	13.61	4.3	
5	PROPYLENE	79	604	1.02	0.3	
6	ISOBUTANE	109	3959	6.70	2.1	
7	N-BUTANE	125	8777	14.87	4.7	
8	ISOPENTANE	235	10767	18.24	5.8	
9	N-PENTANE	268	4714	7.98	2.5	
10	CYCLOPENTANE	298	120	0.20	0.0	
11	HEXANES	536	9455	16.02	5.1	

READY

METHANE - 1.85 PPM

SAMPLE DATE 10/17/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1553 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 7 PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5676	9.14	3.0	
2	ETHYLENE	45	3207	5.16	1.7	
3	ACETYLENE	51	4307	6.94	2.3	
4	PROPANE	66	8445	13.61	4.6	
5	PROPYLENE	79	981	1.58	0.4	
6	PROPADIENE	93	143	0.22	0.0	
7	ISOBUTANE	109	4325	6.97	2.3	
8	N-BUTANE	125	9458	15.24	5.1	
9	1-BUTENE	167	138	0.21	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	59	0.09	0.0	
11	ISOPENTANE	236	10798	17.41	5.8	
12	N-PENTANE	268	4464	7.19	2.4	
13	CYCLOPENTANE	298	147	0.23	0.0	
14	HEXANES	536	9870	15.91	5.3	

READY

METHANE - 1.89 PPM

*

SAMPLE DATE 10/17/73

SAMPLE ID A3,GC-660, 1557 HRS.

SAMPLE NAME SMOG#3,BAG 8

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 9.

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5149	9.35	2.8	
2	ETHYLENE	45	2993	5.43	1.5	
3	ACETYLENE	51	4005	7.27	2.1	
4	PROPANE	66	7688	13.96	4.1	
5	PROPYLENE	79	599	1.08	0.3	
6	ISOBUTANE	109	3647	6.62	1.9	
7	N-BUTANE	125	8061	14.64	4.3	
8	ISOBUTYLENE + T-2-BUTENE	196	48	0.08	0.0	
9	ISOPENTANE	236	9741	17.69	5.3	
10	N-PENTANE	268	4008	7.28	2.1	
11	CYCLOPENTANE	298	46	0.08	0.0	
12	HEXANES	536	9049	16.43	4.9	

READY

METHANE - 1.84 PPM

*

SAMPLE DATE 10/17/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 0930 HRS. — REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES — PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	17410	5.84	9.4
2	ETHYLENE	45	21692	7.27	11.7
3	ACETYLENE	51	26245	8.80	14.2
4	PROPANE	66	17203	5.77	9.3
5	PROPYLENE	79	10079	3.38	5.4
6	PROPADIENE	93	827	0.27	0.3
7	ISOBUTANE	109	9269	3.10	5.0
8	N-BUTANE	125	32653	10.95	17.8
9	1-BUTENE	167	2552	0.85	1.3
10	ISOBUTYLENE + T-2-BUTENE	196	5936	1.98	3.2
11	ISOPENTANE	236	57534	19.30	31.4
12	N-PENTANE	268	24168	8.10	13.2
13	CYCLOPENTANE	298	2414	0.80	1.2
14	1-PENTENE	345	1614	0.54	0.8
15	HEXANES	536	68370	22.94	37.3

READY

METHANE - 2.82 PPM

SAMPLE DATE 10/17/73

SAMPLE ID A3,GC-202, 1030 HRS.

SAMPLE NAME ARB VAN, SOUTH GATE

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	50408	7.19	22.5	
2	ETHYLENE	45	53333	7.61	23.7	
3	ACETYLENE	51	54605	7.79	24.3	
4	PROPANE	66	37094	5.29	16.5	
5	PROPYLENE	[illegible]	14717	2.09	6.5	
6	ISOBUTANE	109	19526	2.78	8.6	
7	N-BUTANE	125	83275	11.88	37.1	
8	1-BUTENE	167	5306	0.75	2.3	
9	ISOBUTYLENE + T-2-BUTENE	196	7617	1.08	3.3	
10	ISOPENTANE	236	126178	18.01	56.3	
11	N-PENTANE	268	47631	6.79	21.2	
12	CYCLOPENTANE	298	4704	0.67	2.0	
13	1-PENTENE	345	5480	0.78	2.4	
14	HEXANES	536	190668	27.21	85.1	

READY

METHANE - 2.89 PPM

*

SAMPLE DATE 10/17/73 — GC CHANNEL 1

SAMPLE ID A3, GC-660, 1130 HRS. — REF. PEAK TIME 125

SAMPLE NAME ARB VAN, DOMINGUEZ — PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	19142	6.95	10.3	
2	ETHYLENE	45	15570	5.65	8.4	
3	ACETYLENE	51	18249	6.62	9.9	
4	PROPANE	66	51524	18.71	28.1	
5	PROPYLENE	79	10386	3.77	5.6	
6	PROPADIENE	93	483	0.17	0.2	
7	ISOBUTANE	109	12079	4.38	6.5	
8	N-BUTANE	125	28487	10.34	15.5	
9	1-BUTENE	167	1288	0.46	0.7	
10	ISOBUTYLENE + T-2-BUTENE	196	3023	1.09	1.6	
11	ISOPENTANE	236	41678	15.14	22.7	
12	N-PENTANE	268	17878	6.49	9.7	
13	CYCLOPENTANE	298	1535	0.55	0.7	
14	1-PENTENE	345	774	0.28	0.3	
15	HEXANES	536	53120	19.29	28.9	

READY

METHANE - 2.40 PPM

*

SAMPLE DATE 10/17/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1230 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LAKEWOOD PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	20657	7.58	9.2	
2	ETHYLENE	45	16918	6.21	7.5	
3	ACETYLENE	51	18143	6.66	8.0	
4	PROPANE	66	26182	9.61	11.6	
5	PROPYLENE	79	4792	1.75	2.1	
6	ISOBUTANE	109	11571	4.25	5.1	
7	N-BUTANE	125	29391	10.79	13.1	
8	1-BUTENE	167	1506	0.55	0.6	
9	ISOBUTYLENE + T-2-BUTENE	196	2673	0.97	1.1	
10	ISOPENTANE	236	47462	17.43	21.1	
11	N-PENTANE	268	19715	7.24	8.7	
12	CYCLOPENTANE	298	3167	1.16	1.4	
13	1-PENTENE	345	696	0.25	0.2	
14	HEXANES	536	69309	25.46	30.9	

READY

METHANE - 2.23 PPM

*

SAMPLE DATE 10/17/73

SAMPLE ID A3,GC-660, 1330 HRS.

SAMPLE NAME ARB VAN, BUENA PARK

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8122	6.64	4.3	
2	ETHYLENE	45	5510	4.50	2.9	
3	ACETYLENE	51	7743	6.33	4.2	
4	PROPANE	66	15666	12.82	8.5	
5	PROPYLENE	79	1848	1.51	0.9	
6	ISOBUTANE	109	8894	7.27	4.8	
7	N-BUTANE	125	16639	13.61	9.0	
8	1-BUTENE	167	657	0.53	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1056	0.86	0.5	
10	ISOPENTANE	236	23336	19.10	12.7	
11	N-PENTANE	268	9965	8.15	5.3	
12	CYCLOPENTANE	298	811	0.66	0.3	
13	1-PENTENE	345	254	0.20	0.0	
14	HEXANES	536	21663	17.73	11.7	

READY

METHANE - 1.94 PPM

SAMPLE DATE 10/17/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1430 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, ANAHEIM PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9433	5.47	4.1	
2	ETHYLENE	45	10722	6.21	4.7	
3	ACETYLENE	51	9924	5.75	4.3	
4	PROPANE	66	13590	7.88	6.0	
5	PROPYLENE	79	1976	1.14	0.8	
6	ISOBUTANE	109	8663	5.02	3.8	
7	N-BUTANE	125	24434	14.17	10.8	
8	1-BUTENE	167	953	0.55	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1482	0.85	0.6	
10	ISOPENTANE	236	34425	19.97	15.3	
11	N-PENTANE	268	13980	8.10	6.1	
12	CYCLOPENTANE	298	1917	1.11	0.7	
13	HEXANES	536	40852	23.69	18.2	

READY

METHANE - 1.94 PPM

*

SAMPLE DATE 10/18/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1150 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 1, 850' — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9872	7.38	4.2	
2	ETHYLENE	45	8157	6.10	3.5	
3	ACETYLENE	51	8971	6.71	3.9	
4	PROPANE	66	10792	8.07	4.7	
5	PROPYLENE	79	1826	1.36	0.7	
6	ISOBUTANE	109	6863	5.13	2.9	
7	N-BUTANE	125	9299	6.95	4.0	
8	1-BUTENE	167	318	0.23	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	940	0.70	0.3	
10	ISOPENTANE	236	23945	17.91	10.5	
11	N-PENTANE	266	11117	8.31	4.8	
12	CYCLOPENTANE	298	3186	2.38	1.4	
13	HEXANES	536	38364	28.70	16.9	

READY

METHANE - 2.03 PPM

*

SAMPLE DATE 10/18/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1202 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 2, 450' — PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9818	7.91	4.2	
2	ETHYLENE	45	9507	7.66	4.1	
3	ACETYLENE	51	8749	7.04	3.8	
4	PROPANE	66	8837	7.12	3.9	
5	PROPYLENE	79	1660	1.33	0.7	
6	ISOBUTANE	109	4718	3.80	2.0	
7	N-BUTANE	125	12952	10.44	5.7	
8	1-BUTENE	167	410	0.32	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	739	0.59	0.3	
10	ISOPENTANE	236	20881	16.83	9.2	
11	N-PENTANE	268	9956	8.02	4.3	
12	CYCLOPENTANE	298	2117	1.70	0.8	
13	1-PENTENE	345	490	0.39	0.1	
14	HEXANES	536	33221	26.77	14.6	

READY

METHANE - 1.92 PPM

*

SAMPLE DATE 10/18/73

GC CHANNEL 1

SAMPLE ID A3,GC-202, ???? HRS.

REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 3

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10711	6.93	4.6	
2	ETHYLENE	45	11536	7.47	5.0	
3	ACETYLENE	51	10224	6.62	4.4	
4	PROPANE	66	12597	8.16	5.5	
5	PROPYLENE	79	1262	0.81	0.5	
6	ISOBUTANE	109	4992	3.23	2.1	
7	N-BUTANE	125	14422	9.34	6.3	
8	1-BUTENE	167	627	0.40	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	1096	0.70	0.4	
10	ISOPENTANE	236	27410	17.76	12.1	
11	N-PENTANE	268	12563	8.13	5.5	
12	CYCLOPENTANE	298	2451	1.58	1.0	
13	1-PENTENE	345	481	0.31	0.1	
14	HEXANES	536	43950	28.47	19.3	

READY

METHANE - 2.06 PPM

*

SAMPLE DATE 10/18/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1214 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4, 450' — PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13088	7.75	5.7	
2	ETHYLENE	45	12592	7.46	5.5	
3	ACETYLENE	51	12152	7.20	5.3	
4	PROPANE	66	14873	8.81	6.5	
5	PROPYLENE	79	1225	0.72	0.4	
6	ISOBUTANE	109	8882	5.26	3.9	
7	N-BUTANE	125	19073	11.30	8.3	
8	1-BUTENE	167	403	0.23	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	742	0.43	0.3	
10	ISOPENTANE	236	27659	16.39	12.1	
11	N-PENTANE	268	13164	7.80	5.7	
12	CYCLOPENTANE	298	2463	1.45	1.0	
13	1-PENTENE	345	283	0.16	0.0	
14	HEXANES	536	42059	24.93	18.5	

READY

METHANE - 2.03 PPM

*

SAMPLE DATE 10/18/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1220 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 5, 650° — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11864	6.26	5.2	
2	ETHYLENE	45	11327	5.98	5.0	
3	ACETYLENE	51	12299	6.49	5.3	
4	PROPANE	66	16821	8.88	7.4	
5	PROPYLENE	79	2097	1.10	0.8	
6	ISOBUTANE	109	10798	5.70	4.7	
7	N-BUTANE	125	24850	13.13	10.9	
8	1-BUTENE	167	1149	0.60	0.4	
9	ISOBUTYLENE + T-2-BUTENE	196	1283	0.67	0.5	
10	ISOPENTANE	236	32474	17.16	14.2	
11	N-PENTANE	268	17148	9.06	7.5	
12	CYCLOPENTANE	298	3703	1.95	1.5	
13	HEXANES	536	43409	22.94	19.1	

READY

METHANE - 1.98 PPM

*

SAMPLE DATE 10/18/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1505 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 6, 5500' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6889	6.79	3.0	
2	ETHYLENE	45	11539	11.38	5.0	
3	ACETYLENE	51	7046	6.95	3.0	
4	PROPANE	66	7834	7.73	3.4	
5	PROPYLENE	79	727	0.71	0.3	
6	ISOBUTANE	109	2752	2.71	1.1	
7	N-BUTANE	125	9155	9.03	3.9	
8	1-BUTENE	167	159	0.15	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	185	0.18	0.0	
10	ISOPENTANE	236	13654	13.47	6.0	
11	N-PENTANE	268	4624	4.56	2.0	
12	CYCLOPENTANE	298	177	0.17	0.0	
13	HEXANES	536	36555	36.08	16.0	

READY

METHANE - 1.92 PPM

*

SAMPLE DATE 10/18/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1511 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 7, 4500' PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	7003	9.27	3.0	
2	ETHYLENE	45	6430	8.51	2.8	
3	ACETYLENE	51	6240	8.26	2.7	
4	PROPANE	66	5664	7.49	2.5	
5	PROPYLENE	79	640	0.84	0.2	
6	ISOBUTANE	109	3527	4.66	1.4	
7	N-BUTANE	125	9357	12.38	4.0	
8	1-BUTENE	167	158	0.20	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	218	0.28	0.0	
10	ISOPENTANE	236	12040	15.93	5.3	
11	N-PENTANE	268	5508	7.29	2.4	
12	HEXANES	536	18749	24.81	8.2	

READY

METHANE - 1.85 PPM

*

SAMPLE DATE 10/18/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 1521 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 8, 3500' | PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7293	7.20	3.2	
2	ETHYLENE	45	12608	12.46	5.5	
3	ACETYLENE	51	8241	8.14	3.5	
4	PROPANE	66	9309	9.20	4.0	
5	PROPYLENE	79	1177	1.16	0.4	
6	ISOBUTANE	109	3389	3.34	1.4	
7	N-BUTANE	125	10644	10.51	4.6	
8	1-BUTENE	167	279	0.27	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	505	0.49	0.1	
10	ISOPENTANE	236	16486	16.29	7.2	
11	N-PENTANE	268	7046	6.96	3.0	
12	HEXANES	536	24184	23.90	10.6	

READY

METHANE - 1.95 PPM

SAMPLE DATE 10/18/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1525 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 9, 2500' — PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6557	8.52	2.8	
2	ETHYLENE	45	6691	8.70	2.8	
3	ACETYLENE	51	5869	7.63	2.5	
4	PROPANE	66	5681	7.38	2.5	
5	PROPYLENE	79	76	0.09	0.0	
6	ISOBUTANE	109	2914	3.79	1.2	
7	N-BUTANE	125	9388	12.21	4.1	
8	ISOPENTANE	236	13510	17.57	5.9	
9	N-PENTANE	268	6249	8.12	2.7	
10	HEXANES	536	19938	25.93	8.7	

READY

METHANE - 1.98 PPM

*

SAMPLE DATE 10/18/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1555 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 10, 1500' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7437	9.50	3.2	
2	ETHYLENE	45	6573	8.39	2.8	
3	ACETYLENE	51	6202	7.92	2.7	
4	PROPANE	66	6245	7.97	2.7	
5	PROPYLENE	79	176	0.22	0.0	
6	ISOBUTANE	109	3244	4.14	1.4	
7	N-BUTANE	125	9461	12.08	4.1	
8	1-BUTENE	167	468	0.59	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	567	0.72	0.2	
10	ISOPENTANE	236	13278	16.96	5.8	
11	N-PENTANE	268	6238	7.96	2.7	
12	CYCLOPENTANE	298	1594	2.03	0.7	
13	HEXANES	536	16776	21.43	7.3	

READY

METHANE - 1.85 PPM

SAMPLE DATE 10/18/73

GC CHANNEL 1

SAMPLE ID A3, GC-660, 1010 HRS.

REF. PEAK TIME 125

SAMPLE NAME SMOG#3, BAG 1

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	7894	10.68	4.3
2	ETHYLENE	45	5458	7.38	3.0
3	ACETYLENE	51	5985	8.10	3.3
4	PROPANE	66	6481	8.77	3.5
5	PROPYLENE	79	1933	2.61	1.0
6	PROPADIENE	93	116	0.15	0.0
7	ISOBUTANE	109	2241	3.03	1.2
8	N-BUTANE	125	7252	9.81	4.0
9	1-BUTENE	167	213	0.28	0.0
10	ISOBUTYLENE + T-2-BUTENE	196	781	1.05	0.3
11	ISOPENTANE	236	10970	14.85	6.1
12	N-PENTANE	268	5079	6.87	2.8
13	CYCLOPENTANE	298	420	0.56	0.2
14	HEXANES	536	19031	25.76	10.7

READY

METHANE - 1.99 PPM

*

SAMPLE DATE 10/18/73

SAMPLE ID A3, GC-660, 1016 HRS.

SAMPLE NAME SMOG#3, BAG 2

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3789	13.22	2.1	
2	ETHYLENE	45	2312	8.06	1.2	
3	ACETYLENE	51	2164	7.55	1.1	
4	PROPANE	66	3521	12.28	1.9	
5	PROPYLENE	79	538	1.87	0.2	
6	ISOBUTANE	109	1243	4.33	0.6	
7	N-BUTANE	125	3713	12.96	2.0	
8	1-BUTENE	167	64	0.22	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	127	0.44	0.0	
10	ISOPENTANE	236	4140	14.45	2.2	
11	N-PENTANE	268	1864	6.50	1.0	
12	HEXANES	536	5170	18.04	2.8	

READY

METHANE - 1.84 PPM

*

SAMPLE DATE 10/18/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1030 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 3 PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8995	11.25	5.0	
2	ETHYLENE	45	6326	7.91	3.5	
3	ACETYLENE	51	6841	8.56	3.8	
4	PROPANE	66	8767	10.96	4.9	
5	PROPYLENE	79	2345	2.93	1.2	
6	PROPADIENE	93	117	0.14	0.0	
7	ISOBUTANE	109	2533	3.16	1.4	
8	N-BUTANE	125	8166	10.21	4.5	
9	1-BUTENE	167	360	0.44	0.1	
10	ISOBUTYLENE + T-2-BUTENE	196	903	1.12	0.4	
11	ISOPENTANE	236	12591	15.75	7.0	
12	N-PENTANE	268	5003	6.25	2.8	
13	CYCLOPENTANE	298	53	0.06	0.0	
14	HEXANES	536	16911	21.16	9.5	

READY

METHANE - 2.07 PPM

*

SAMPLE DATE 10/18/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1035 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 4 PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	21083	10.77	11.8	
2	ETHYLENE	45	16262	8.30	9.1	
3	ACETYLENE	51	15542	7.94	8.7	
4	PROPANE	66	18260	9.32	10.2	
5	PROPYLENE	79	5342	2.72	2.9	
6	PROPADIENE	93	479	0.24	0.2	
7	ISOBUTANE	109	8332	4.25	4.6	
8	N-BUTANE	125	22436	11.46	12.5	
9	1-BUTENE	167	942	0.47	0.4	
10	ISOBUTYLENE + T-2-BUTENE	196	1979	1.01	1.0	
11	ISOPENTANE	236	30250	15.45	17.0	
12	N-PENTANE	268	13386	6.83	7.5	
13	CYCLOPENTANE	298	1153	0.58	0.6	
14	1-PENTENE	345	264	0.13	0.0	
15	HEXANES	536	39958	20.41	22.5	

READY

METHANE - 2.46 PPM

*

SAMPLE DATE 10/18/73

SAMPLE ID A3,GC-660, 1040 HRS.

SAMPLE NAME SMOG#3,BAG 5

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	32994	11.30	18.5	
2	ETHYLENE	45	21507	7.37	12.1	
3	ACETYLENE	51	26018	8.92	14.6	
4	PROPANE	66	27403	9.39	15.3	
5	PROPYLENE	79	7614	2.60	4.2	
6	PROPADIENE	93	796	0.27	0.3	
7	ISOBUTANE	109	12039	4.12	6.7	
8	N-BUTANE	125	32918	11.28	18.5	
9	1-BUTENE	167	1686	0.57	0.9	
10	ISOBUTYLENE + T-2-BUTENE	196	3236	1.10	1.7	
11	ISOPENTANE	236	46551	15.95	26.2	
12	N-PENTANE	268	20281	6.95	11.4	
13	CYCLOPENTANE	298	1864	0.63	1.0	
14	1-PENTENE	345	568	0.19	0.3	
15	HEXANES	536	56190	19.26	31.6	

READY

METHANE - 2.86 PPM

SAMPLE DATE 10/18/73

SAMPLE ID A3,GC-660, 1302 HRS.

SAMPLE NAME SMOG#3,BAG 6, 900'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6814	7.83	3.8	
2	ETHYLENE	45	4660	5.35	2.5	
3	ACETYLENE	51	6789	7.80	3.8	
4	PROPANE	66	8140	9.35	4.5	
5	PROPYLENE	79	1576	1.80	0.8	
6	PROPADIENE	93	135	0.15	0.0	
7	ISOBUTANE	109	4546	5.22	2.5	
8	N-BUTANE	125	12276	14.11	6.8	
9	1-BUTENE	167	199	0.22	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	272	0.31	0.0	
11	ISOPENTANE	236	15992	18.38	8.9	
12	N-PENTANE	268	7021	8.06	3.9	
13	CYCLOPENTANE	298	245	0.28	0.0	
14	HEXANES	536	18324	21.06	10.3	

READY

METHANE - 1.88 PPM

*

SAMPLE DATE 10/18/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1313 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 7, 700' — PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5696	7.96	3.2	
2	ETHYLENE	45	3779	5.28	2.1	
3	ACETYLENE	51	5566	7.78	3.1	
4	PROPANE	66	6262	8.76	3.5	
5	PROPYLENE	79	1399	1.95	0.7	
6	ISOBUTANE	109	3582	5.01	1.9	
7	N-BUTANE	125	9680	13.54	5.3	
8	ISOBUTYLENE + T-2-BUTENE	196	229	0.32	0.0	
9	ISOPENTANE	236	13098	18.32	7.3	
10	N-PENTANE	268	5876	8.22	3.2	
11	CYCLOPENTANE	298	615	0.85	0.3	
12	HEXANES	536	15682	21.94	8.8	

READY

METHANE - 1.83 PPM

SAMPLE DATE 10/18/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1321 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 8, 500' PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10353	8.18	5.7	
2	ETHYLENE	45	9014	7.12	5.0	
3	ACETYLENE	51	8359	6.60	4.6	
4	PROPANE	66	12506	9.88	7.0	
5	PROPYLENE	79	2099	1.65	1.1	
6	ISOBUTANE	109	6005	4.74	3.3	
7	N-BUTANE	125	15246	12.05	8.5	
8	1-BUTENE	167	208	0.16	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	391	0.30	0.1	
10	ISOPENTANE	236	23387	18.48	13.1	
11	N-PENTANE	268	10742	8.48	6.0	
12	CYCLOPENTANE	298	1040	0.82	0.5	
13	1-PENTENE	345	537	0.42	0.2	
14	HEXANES	536	26615	21.03	15.0	

READY

METHANE - 2.07 PPM

*

SAMPLE DATE 10/18/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1325 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 9 PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13037	8.92	7.3	
2	ETHYLENE	45	9133	6.25	5.0	
3	ACETYLENE	51	11956	8.18	6.7	
4	PROPANE	66	13812	9.45	7.7	
5	PROPYLENE	79	2500	1.70	1.4	
6	ISOBUTANE	109	5781	3.95	3.2	
7	N-BUTANE	125	16688	11.42	9.3	
8	1-BUTENE	167	302	0.20	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	976	0.66	0.5	
10	ISOPENTANE	236	25761	17.63	14.4	
11	N-PENTANE	268	11093	7.59	6.2	
12	CYCLOPENTANE	298	1307	0.89	0.7	
13	1-PENTENE	345	211	0.14	0.0	
14	HEXANES	536	33530	22.94	18.9	

READY

METHANE - 2.17 PPM

*

SAMPLE DATE 10/18/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1330 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 10 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7400	7.50	4.1	
2	ETHYLENE	45	4664	4.73	2.5	
3	ACETYLENE	51	7389	7.49	4.1	
4	PROPANE	66	8093	8.21	4.5	
5	PROPYLENE	79	851	0.86	0.4	
6	ISOBUTANE	109	4519	4.58	2.5	
7	N-BUTANE	125	13240	13.43	7.4	
8	1-BUTENE	167	104	0.10	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	433	0.43	0.2	
10	ISOPENTANE	236	18803	19.07	10.5	
11	N-PENTANE	268	9114	9.24	5.0	
12	CYCLOPENTANE	298	1235	1.25	0.6	
13	HEXANES	536	22701	23.03	12.7	

READY

METHANE - 1.90 PPM

*

SAMPLE DATE 10/18/73 | GC CHANNEL 1
SAMPLE ID A3,GC-202, 0930 HRS. | REF. PEAK TIME 125
SAMPLE NAME ARB VAN, DOWNEY | PK NO BIG AREA 14
PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	23579	5.83	10.3	
2	ETHYLENE	45	35742	8.84	15.7	
3	ACETYLENE	51	27962	6.91	12.3	
4	PROPANE	66	24991	6.18	11.0	
5	PROPYLENE	79	10990	2.71	4.8	
6	ISOBUTANE	109	12812	3.17	5.6	
7	N-BUTANE	125	52041	12.87	22.9	
8	1-BUTENE	167	2925	0.72	1.2	
9	ISOBUTYLENE + T-2-BUTENE	196	6360	1.57	2.8	
10	ISOPENTANE	236	74131	18.34	32.7	
11	N-PENTANE	268	27282	6.75	12.0	
12	CYCLOPENTANE	298	4199	1.03	1.7	
13	1-PENTENE	345	1050	0.25	0.3	
14	HEXANES	536	99981	24.74	44.2	

READY

METHANE - 2.30 PPM

*

SAMPLE DATE 10/18/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1030 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LONG BEACH PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	35572	8.61	20.0	
2	ETHYLENE	45	28201	6.83	15.8	
3	ACETYLENE	51	28937	7.00	16.3	
4	PROPANE	66	35537	8.60	20.0	
5	PROPYLENE	79	762	0.18	0.4	
6	ISOBUTANE	109	15841	3.83	8.9	
7	N-BUTANE	125	46968	11.38	26.4	
8	1-BUTENE	167	2729	0.65	1.5	
9	ISOBUTYLENE + T-2-BUTENE	196	6638	1.60	3.7	
10	ISOPENTANE	236	71062	17.21	40.0	
11	N-PENTANE	268	31972	7.74	18.0	
12	CYCLOPENTANE	298	6241	1.51	3.5	
13	1-PENTENE	345	2412	0.58	1.3	
14	HEXANES	536	99791	24.18	56.2	

READY

METHANE - 2.81 PPM

*

SAMPLE DATE	10/18/73	GC CHANNEL	1
SAMPLE ID	A3,GC-660, 1230 HRS.	REF. PEAK TIME	125
SAMPLE NAME	ARB VAN, DOWNEY	PK NO BIG AREA	13
		PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	10636	8.32	5.9	
2	ETHYLENE	45	8007	6.26	4.5	
3	ACETYLENE	51	12034	9.42	6.7	
4	PROPANE	66	9728	7.61	5.4	
5	PROPYLENE	79	1822	1.42	1.0	
6	ISOBUTANE	109	4159	3.25	2.3	
7	N-BUTANE	125	15700	12.29	8.8	
8	1-BUTENE	167	268	0.20	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	513	0.39	0.2	
10	ISOPENTANE	236	24183	18.93	13.6	
11	N-PENTANE	268	9657	7.56	5.4	
12	CYCLOPENTANE	298	425	0.33	0.2	
13	HEXANES	536	30546	23.92	17.2	

READY

METHANE - 2.11 PPM

*

SAMPLE DATE 10/18/73

SAMPLE ID A3,GC-202, 1325 HRS.

SAMPLE NAME ARB VAN,S.FE SPRINGS

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14428	8.47	6.3	
2	ETHYLENE	45	10356	6.07	4.5	
3	ACETYLENE	51	14082	8.26	6.1	
4	PROPANE	66	12117	7.11	5.3	
5	PROPYLENE	79	1082	0.63	0.4	
6	ISOBUTANE	109	5724	3.35	2.5	
7	N-BUTANE	125	19790	11.61	8.7	
8	1-BUTENE	167	181	0.10	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	652	0.38	0.2	
10	ISOPENTANE	236	32927	19.33	14.5	
11	N-PENTANE	268	13777	8.08	6.0	
12	CYCLOPENTANE	298	2972	1.74	1.2	
13	HEXANES	536	42206	24.78	18.5	

READY

METHANE - 2.07 PPM

*

SAMPLE DATE 10/18/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1420 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN,HACIENDA HTS PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13769	5.23	7.7	
2	ETHYLENE	45	10923	4.15	6.1	
3	ACETYLENE	51	14781	5.62	8.3	
4	PROPANE	66	16773	6.38	9.4	
5	PROPYLENE	79	3911	1.48	2.2	
6	ISOBUTANE	109	12688	4.82	7.1	
7	N-BUTANE	125	38087	14.48	21.4	
8	1-BUTENE	167	68	0.02	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	1757	0.66	0.9	
10	ISOPENTANE	236	71545	27.22	40.3	
11	N-PENTANE	268	23643	8.99	13.3	
12	CYCLOPENTANE	298	1716	0.65	0.9	
13	1-PENTENE	345	414	0.15	0.2	
14	HEXANES	536	52744	20.06	29.7	

READY

METHANE - 2.13 PPM

*

SAMPLE DATE 10/18/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1530 HRS. — REF. PEAK TIME 125

SAMPLE NAME ARB VAN, CLAREMONT — PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14692	5.38	8.3	
2	ETHYLENE	45	17578	6.44	10.0	
3	ACETYLENE	51	15169	5.56	8.5	
4	PROPANE	66	11580	4.24	6.5	
5	PROPYLENE	79	9458	3.46	5.3	
6	PROPADIENE	93	1071	0.39	0.5	
7	ISOBUTANE	109	10103	3.70	5.7	
8	N-BUTANE	125	55847	20.49	31.7	
9	1-BUTENE	167	2514	0.92	1.4	
10	ISOBUTYLENE + T-2-BUTENE	196	7613	2.79	4.2	
11	ISOPENTANE	236	60808	22.31	34.6	
12	N-PENTANE	268	19450	7.13	11.0	
13	CYCLOPENTANE	298	1473	0.54	0.7	
14	1-PENTENE	345	1252	0.45	0.7	
15	HEXANES	536	43864	16.09	25.0	

READY

METHANE - 2.09 PPM

*

SAMPLE DATE 10/23/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1210 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 1 — PK NO BIG AREA 7

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	3843	12.23	2.2	
2	ETHYLENE	45	2288	7.28	1.3	
3	ACETYLENE	51	2275	7.24	1.3	
4	PROPANE	66	4431	14.10	2.6	
5	PROPYLENE	79	818	2.60	0.4	
6	ISOBUTANE	109	1968	6.26	1.1	
7	N-BUTANE	125	4688	14.92	2.8	
8	1-BUTENE	167	89	0.28	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	111	0.35	0.0	
10	ISOPENTANE	236	4386	13.96	2.5	
11	N-PENTANE	268	2173	6.91	1.2	
12	HEXANES	536	4337	13.80	2.5	

READY

METHANE - 1.67 PPM

*

SAMPLE DATE 10/23/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1218 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 2 — PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	3766	10.80	2.1
2	ETHYLENE	45	3520	10.10	1.9
3	ACETYLENE	51	2856	8.19	1.5
4	PROPANE	66	4245	12.18	2.3
5	PROPYLENE	79	894	2.56	0.4
6	ISOBUTANE	109	1776	5.09	0.9
7	N-BUTANE	125	4768	13.68	2.6
8	1-BUTENE	167	160	0.45	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	564	1.61	0.3
10	ISOPENTANE	236	4699	13.48	2.6
11	N-PENTANE	268	2060	5.91	1.1
12	HEXANES	536	5536	15.88	3.1

READY

METHANE - 1.65 PPM

*

SAMPLE DATE 10/23/73

SAMPLE ID A3,GC-660, 1229 HRS.

SAMPLE NAME SMOG#2,BAG 3

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 9

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	2160	13.00	1.1	
2	ETHYLENE	45	1927	11.59	1.0	
3	ACETYLENE	51	1546	9.30	0.8	
4	PROPANE	66	2065	12.42	1.1	
5	PROPYLENE	79	524	3.15	0.2	
6	ISOBUTANE	109	1046	6.29	0.5	
7	N-BUTANE	125	2223	13.38	1.2	
8	ISOBUTYLENE + T-2-BUTENE	196	204	1.22	0.0	
9	ISOPENTANE	236	2627	15.81	1.4	
10	N-PENTANE	268	641	3.85	0.3	
11	HEXANES	536	1647	9.91	0.9	

READY

METHANE - 1.70 PPM

*

SAMPLE DATE 10/23/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1236 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4 — PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	2491	11.77	1.4	
2	ETHYLENE	45	2043	9.65	1.0	
3	ACETYLENE	51	1953	9.23	1.0	
4	PROPANE	66	2566	12.13	1.4	
5	PROPYLENE	79	514	2.42	0.2	
6	ISOBUTANE	109	1068	5.05	0.5	
7	N-BUTANE	125	2522	11.92	1.4	
8	ISOBUTYLENE + T-2-BUTENE	196	436	2.05	0.2	
9	ISOPENTANE	236	3103	14.67	1.7	
10	N-PENTANE	268	1142	5.39	0.6	
11	HEXANES	536	3307	15.63	1.8	

READY

METHANE - 1.67 PPM

*

SAMPLE DATE 10/23/73

SAMPLE ID A3,GC-660, 1337 HRS.

SAMPLE NAME SMOG#2,BAG 5

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	3059	12.03	1.7
2	ETHYLENE	45	2062	8.11	1.1
3	ACETYLENE	51	2157	8.48	1.1
4	PROPANE	66	2760	10.86	1.5
5	PROPYLENE	79	1183	4.65	0.6
6	ISOBUTANE	109	1488	5.85	0.7
7	N-BUTANE	125	2923	11.50	1.6
8	ISOBUTYLENE + T-2-BUTENE	196	280	1.10	0.1
9	ISOPENTANE	236	3720	14.63	2.1
10	N-PENTANE	268	1525	5.99	0.8
11 READY	HEXANES	536	4253	16.73	2.4

METHANE - 1.71 PPM

*

SAMPLE DATE 10/23/73

SAMPLE ID A3,GC-660, 1344 HRS.

SAMPLE NAME SMOG#2,BAG 6

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3716	11.94	2.1	
2	ETHYLENE	45	3212	10.32	1.7	
3	ACETYLENE	51	2643	8.49	1.4	
4	PROPANE	66	2828	9.09	1.5	
5	PROPYLENE	79	838	2.69	0.4	
6	ISOBUTANE	109	1324	4.25	0.7	
7	N-BUTANE	125	3185	10.24	1.7	
8	1-BUTENE	167	129	0.41	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	298	0.95	0.1	
10	ISOPENTANE	236	4084	13.13	2.2	
11	N-PENTANE	268	1487	4.7[illegible]	0.7	
12	HEXANES	536	7354	23.64	4.1	

READY

METHANE - 1.80 PPM

*

SAMPLE DATE 10/23/73

SAMPLE ID A3,GC-660, 1353 HRS.

SAMPLE NAME SMOG#2,BAG 7

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4309	10.55	2.4	
2	ETHYLENE	45	3260	7.98	1.7	
3	ACETYLENE	51	3141	7.69	1.7	
4	PROPANE	66	3950	9.67	2.1	
5	PROPYLENE	79	1050	2.56	0.5	
6	ISOBUTANE	109	2209	5.41	1.2	
7	N-BUTANE	125	5172	12.66	2.8	
8	1-BUTENE	167	247	0.60	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	554	1.35	0.3	
10	ISOPENTANE	236	7222	17.68	4.0	
11	N-PENTANE	268	3025	7.40	1.7	
12	HEXANES	536	6687	16.37	3.7	

READY

METHANE - 1.74 PPM

*

SAMPLE DATE 10/23/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1357 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 8 PK NO BIG AREA 9

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	2565	13.77	1.4	
2	ETHYLENE	45	1435	7.70	0.7	
3	ACETYLENE	51	1547	8.30	0.8	
4	PROPANE	66	2622	14.08	1.4	
5	PROPYLENE	79	763	4.09	0.3	
6	ISOBUTANE	109	1456	7.81	0.7	
7	N-BUTANE	125	2573	13.81	1.4	
8	ISOBUTYLENE + T-2-BUTENE	196	259	1.38	0.0	
9	ISOPENTANE	236	3973	21.33	2.2	
10	N-PENTANE	268	922	4.94	0.4	
11	HEXANES	536	505	2.70	0.2	

READY

METHANE - 1.63 PPM

*

SAMPLE DATE 10/23/73

SAMPLE ID A3,GC-202, 1204 HRS.

SAMPLE NAME SMOG#3,BAG 1

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	2684	13.09	1.4	
2	ETHYLENE	45	2938	14.33	1.6	
3	ACETYLENE	51	1446	7.05	0.7	
4	PROPANE	66	1562	7.62	0.8	
5	PROPYLENE	79	503	2.45	0.2	
6	ISOBUTANE	109	895	4.36	0.4	
7	N-BUTANE	125	2165	10.56	1.2	
8	ISOBUTYLENE + T-2-BUTENE	196	464	2.26	0.2	
9	ISOPENTANE	236	3056	14.90	1.7	
10	N-PENTANE	268	1283	6.25	0.7	
11	HEXANES	536	3500	17.07	1.9	

READY

METHANE - 1.63 PPM

*

SAMPLE DATE 10/23/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1215 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 2 PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4056	11.12	2.3	
2	ETHYLENE	45	3509	9.62	2.0	
3	ACETYLENE	51	1083	2.96	0.6	
4	PROPANE	66	3546	9.72	2.0	
5	PROPYLENE	79	354	0.97	0.1	
6	ISOBUTANE	109	1471	4.03	0.7	
7	N-BUTANE	125	4020	11.02	2.2	
8	ISOBUTYLENE + T-2-BUTENE	196	162	0.44	0.0	
9	ISOPENTANE	236	4535	12.43	2.5	
10	N-PENTANE	268	2170	5.95	1.2	
11	HEXANES	536	11549	31.67	6.6	

READY

METHANE - 1.68 PPM

*

SAMPLE DATE 10/23/73

GC CHANNEL 1

SAMPLE ID A3,GC-202, 1227 HRS.

REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 3

PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	2342	11.03	1.5	
2	ETHYLENE	45	5396	25.43	3.5	
3	ACETYLENE	51	1154	5.43	0.7	
4	PROPANE	66	1365	6.43	0.8	
5	PROPYLENE	79	401	1.88	0.2	
6	ISOBUTANE	109	981	4.62	0.6	
7	N-BUTANE	125	2233	10.52	1.4	
8	ISOBUTYLENE + T-2-BUTENE	196	243	1.14	0.1	
9	ISOPENTANE	236	2357	11.10	1.5	
10	N-PENTANE	268	803	3.78	0.4	
11	HEXANES	536	3942	18.57	2.5	

READY

METHANE - 1.62 PPM

*

SAMPLE DATE 10/23/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1235 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 4 PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	2713	12.96	1.7	
2	ETHYLENE	45	3353	16.03	2.1	
3	ACETYLENE	51	1442	6.89	0.9	
4	PROPANE	66	2037	9.73	1.3	
5	PROPYLENE	79	290	1.38	0.1	
6	ISOBUTANE	109	852	4.07	0.5	
7	N-BUTANE	125	1872	8.95	1.2	
8	ISOBUTYLENE + T-2-BUTENE	196	190	0.90	0.0	
9	ISOPENTANE	236	2441	11.66	1.5	
10	N-PENTANE	268	869	4.15	0.5	
11	HEXANES	536	4854	23.20	3.2	

READY

METHANE - 1.58 PPM

*

SAMPLE DATE 10/23/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1337 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 5 — PK NO BIG AREA 1

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	2584	21.50	1.7	
2	ETHYLENE	45	1240	10.32	0.7	
3	ACETYLENE	51	511	4.25	0.3	
4	PROPANE	66	1007	8.38	0.6	
5	PROPYLENE	79	220	1.83	0.0	
6	ISOBUTANE	109	698	5.80	0.3	
7	N-BUTANE	125	1217	10.12	0.7	
8	ISOBUTYLENE + T-2-BUTENE	196	274	2.27	0.1	
9	ISOPENTANE	236	2175	18.10	1.4	
10	N-PENTANE	268	571	4.75	0.3	
11	HEXANES	536	1517	12.62	1.0	

READY

METHANE - 1.66 PPM

*

SAMPLE DATE 10/23/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1344 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 6 PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	2721	14.27	1.7	
2	ETHYLENE	45	2544	13.34	1.6	
3	ACETYLENE	51	817	4.28	0.5	
4	PROPANE	66	1783	9.35	1.1	
5	PROPYLENE	79	441	2.31	0.2	
6	ISOBUTANE	109	2138	11.21	1.4	
7	N-BUTANE	125	1877	9.84	1.2	
8	1-BUTENE	167	126	0.65	0.0	
9	ISOPENTANE	236	2578	13.52	1.7	
10	N-PENTANE	268	869	4.55	0.5	
11	HEXANES	536	3169	16.62	2.1	

READY

METHANE - 1.64 PPM

*

SAMPLE DATE 10/23/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1353 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 7 PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	2135	9.05	1.4	
2	ETHYLENE	45	2673	11.34	1.7	
3	ACETYLENE	51	1217	5.16	0.7	
4	PROPANE	66	1850	7.84	1.1	
5	PROPYLENE	79	392	1.66	0.2	
6	ISOBUTANE	109	985	4.17	0.6	
7	N-BUTANE	125	2113	8.96	1.4	
8	ISOBUTYLENE + T-2-BUTENE	196	165	0.69	0.0	
9	ISOPENTANE	236	3463	14.69	2.2	
10	N-PENTANE	268	2010	8.52	1.3	
11	HEXANES	536	6563	27.84	4.3	

READY

METHANE - 1.63 PPM

*

SAMPLE DATE 10/23/73

SAMPLE ID A3,GC-202, 1400 HRS.

SAMPLE NAME SMOG#3,BAG 8

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4215	12.07	2.8	
2	ETHYLENE	45	4798	13.75	3.2	
3	ACETYLENE	51	2723	7.80	1.7	
4	PROPANE	66	2937	8.41	1.9	
5	PROPYLENE	79	769	2.20	0.4	
6	ISOBUTANE	109	1283	3.67	0.7	
7	N-BUTANE	125	2744	7.86	1.7	
8	ISOBUTYLENE + T-2-BUTENE	196	364	1.04	0.2	
9	ISOPENTANE	236	4853	13.90	3.2	
10	N-PENTANE	268	2453	7.02	1.6	
11	HEXANES	536	7750	22.21	5.1	

READY

METHANE - 1.71 PPM

SAMPLE DATE 10/24/73 GC CHANNEL 1

SAMPLE ID A3, GC-202, 1046 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2, BAG 1 PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	5510	8.29	3.0	
2	ETHYLENE	45	5185	7.80	2.8	
3	ACETYLENE	51	5115	7.70	2.8	
4	PROPANE	66	6057	9.12	3.3	
5	PROPYLENE	79	1432	2.15	0.7	
6	ISOBUTANE	109	2558	3.85	1.4	
7	N-BUTANE	125	9093	13.69	5.0	
8	1-BUTENE	167	226	0.33	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	496	0.74	0.2	
10	ISOPENTANE	236	10937	16.47	6.0	
11	N-PENTANE	268	5189	7.81	2.8	
12	CYCLOPENTANE	298	98	0.14	0.0	
13	1-PENTENE	345	86	0.12	0.0	
14	HEXANES	536	14414	21.70	8.0	

READY

METHANE - 1.72 PPM

*

SAMPLE DATE 10/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1055 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 2 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5192	8.29	2.8	
2	ETHYLENE	45	5682	9.08	3.1	
3	ACETYLENE	51	5029	8.03	2.8	
4	PROPANE	66	5497	8.78	3.0	
5	PROPYLENE	79	1105	1.76	0.5	
6	ISOBUTANE	109	2512	4.01	1.4	
7	N-BUTANE	125	7675	12.26	4.2	
8	1-BUTENE	167	154	0.24	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	381	0.60	0.1	
10	ISOPENTANE	236	10623	16.97	5.9	
11	N-PENTANE	268	4900	7.83	2.7	
12	CYCLOPENTANE	298	798	1.27	0.3	
13	HEXANES	536	13010	20.79	7.2	

READY

METHANE - 1.74 PPM

SAMPLE DATE 10/24/73

SAMPLE ID A3,GC-202, 1102 HRS.

SAMPLE NAME SMOG#2,BAG 3

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5093	9.36	2.8	
2	ETHYLENE	45	4237	7.78	2.3	
3	ACETYLENE	51	4265	7.83	2.3	
4	PROPANE	66	4757	8.74	2.6	
5	PROPYLENE	79	957	1.75	0.4	
6	ISOBUTANE	109	1780	3.27	0.9	
7	N-BUTANE	125	6224	11.44	3.4	
8	ISOBUTYLENE + T-2-BUTENE	196	347	0.63	0.1	
9	ISOPENTANE	236	9371	17.22	5.2	
10	N-PENTANE	268	3957	7.27	2.1	
11	CYCLOPENTANE	298	353	0.64	0.1	
12	HEXANES	536	13055	23.99	7.2	

READY

METHANE - 1.71 PPM

SAMPLE DATE 10/24/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1112 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4 — PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3765	7.15	2.1	
2	ETHYLENE	45	3549	6.74	1.9	
3	ACETYLENE	51	2991	5.68	1.6	
4	PROPANE	66	3145	5.98	1.7	
5	PROPYLENE	79	982	1.86	0.5	
6	ISOBUTANE	109	2136	4.06	1.1	
7	N-BUTANE	125	8213	15.61	4.6	
8	1-BUTENE	167	178	0.33	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	248	0.46	0.0	
10	ISOPENTANE	236	9246	17.58	5.1	
11	N-PENTANE	268	4029	7.65	2.2	
12	HEXANES	536	14097	26.80	7.8	

READY

METHANE - 1.75 PPM

SAMPLE DATE 10/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 5 PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7863	8.23	4.3	
2	ETHYLENE	45	8687	9.09	4.8	
3	ACETYLENE	51	7520	7.87	4.2	
4	PROPANE	66	7170	7.50	3.9	
5	PROPYLENE	79	1609	1.68	0.8	
6	ISOBUTANE	109	3418	3.57	1.8	
7	N-BUTANE	125	11146	11.66	6.2	
8	1-BUTENE	167	248	0.25	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	683	0.71	0.3	
10	ISOPENTANE	236	15758	16.50	8.8	
11	N-PENTANE	268	7353	7.69	4.0	
12	CYCLOPENTANE	298	1512	1.58	0.7	
13	1-PENTENE	345	146	0.15	0.0	
14	HEXANES	536	22375	23.43	12.5	

READY

METHANE - 1.68 PPM

SAMPLE DATE 10/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1004 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 1 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	5972	9.56	3.3	
2	ETHYLENE	45	5810	9.30	3.2	
3	ACETYLENE	51	5863	9.38	3.2	
4	PROPANE	66	5476	8.76	3.0	
5	PROPYLENE	79	1926	3.08	1.0	
6	ISOBUTANE	109	2468	3.94	1.4	
7	N-BUTANE	125	6902	11.05	3.9	
8	1-BUTENE	167	248	0.39	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	933	1.49	0.4	
10	ISOPENTANE	236	10004	16.01	5.7	
11	N-PENTANE	268	4203	6.72	2.3	
12	CYCLOPENTANE	298	254	0.40	0.0	
13	HEXANES	536	12397	19.84	7.0	

READY

METHANE - 1.81 PPM

*

SAMPLE DATE 10/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1011 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 2, 750' PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	8732	9.15	4.9
2	ETHYLENE	45	8242	8.63	4.6
3	ACETYLENE	51	9162	9.60	5.1
4	PROPANE	66	8390	8.79	4.7
5	PROPYLENE	79	3302	3.46	1.8
6	PROPADIENE	93	232	0.24	0.0
7	ISOBUTANE	109	4296	4.50	2.4
8	N-BUTANE	125	11143	11.68	6.3
9	1-BUTENE	167	406	0.42	0.1
10	ISOBUTYLENE + T-2-BUTENE	196	1088	1.13	0.5
11	ISOPENTANE	236	15018	15.74	8.5
12	N-PENTANE	268	5723	5.99	3.2
13	CYCLOPENTANE	298	162	0.16	0.0
14	HEXANES	536	19485	20.42	11.0

READY

METHANE - 1.92 PPM

SAMPLE DATE 10/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1017 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 3, 550' PK NO BIG AREA 12

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7608	8.91	4.2	
2	ETHYLENE	45	7334	8.59	4.1	
3	ACETYLENE	51	8588	10.06	4.8	
4	PROPANE	66	7067	8.27	3.9	
5	PROPYLENE	79	2312	2.70	1.2	
6	PROPADIENE	93	127	0.14	0.0	
7	ISOBUTANE	109	3435	4.02	1.9	
8	N-BUTANE	125	9710	11.38	5.4	
9	ISOBUTYLENE + T-2-BUTENE	196	421	0.49	0.2	
10	ISOPENTANE	236	12532	14.68	7.1	
11	N-PENTANE	268	5016	5.87	2.8	
12	HEXANES	536	21175	24.81	12.0	

READY

METHANE - 1.84 PPM

*

SAMPLE DATE 10/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1023 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 4, 350' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	8234	8.88	4.8
2	ETHYLENE	45	11048	11.92	6.4
3	ACETYLENE	51	8669	9.35	5.0
4	PROPANE	66	7987	8.61	4.6
5	PROPYLENE	79	3049	3.28	1.7
6	ISOBUTANE	109	3373	3.63	1.9
7	N-BUTANE	125	9798	10.57	5.7
8	1-BUTENE	167	439	0.47	0.2
9	ISOBUTYLENE + T-2-BUTENE	196	1059	1.14	0.5
10	ISOPENTANE	236	14648	15.80	8.5
11	N-PENTANE	268	6568	7.08	3.8
12	CYCLOPENTANE	298	509	0.54	0.2
13	HEXANES	536	17272	18.64	10.1

READY

METHANE - 1.81 PPM

SAMPLE DATE 10/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1031 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 5, 550' PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13565	10.50	7.9	
2	ETHYLENE	45	12324	9.54	7.2	
3	ACETYLENE	51	12156	9.41	7.1	
4	PROPANE	66	12328	9.54	7.2	
5	PROPYLENE	79	4868	3.76	2.8	
6	PROPADIENE	93	427	0.32	0.2	
7	ISOBUTANE	109	5356	4.14	3.1	
8	N-BUTANE	125	14525	11.25	8.5	
9	1-BUTENE	167	508	0.39	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	1610	1.24	0.9	
11	ISOPENTANE	236	20382	15.78	11.9	
12	N-PENTANE	268	8185	6.33	4.7	
13	CYCLOPENTANE	298	175	0.13	0.0	
14	HEXANES	536	22665	17.55	13.3	

READY

METHANE - 1.83 PPM

SAMPLE DATE 10/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1213 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 6, 850' PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	7874	9.05	4.6	
2	ETHYLENE	45	6170	7.09	3.5	
3	ACETYLENE	51	7650	8.79	4.4	
4	PROPANE	66	8346	9.59	4.9	
5	PROPYLENE	79	2345	2.69	1.3	
6	PROPADIENE	93	185	0.21	0.0	
7	ISOBUTANE	109	4207	4.83	2.4	
8	N-BUTANE	125	11424	13.14	6.7	
9	1-BUTENE	167	138	0.15	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	396	0.45	0.1	
11	ISOPENTANE	236	14049	16.15	8.2	
12	N-PENTANE	268	6079	6.99	3.5	
13	CYCLOPENTANE	298	80	0.09	0.0	
14	HEXANES	536	17991	20.69	10.5	

READY

METHANE - 1.77 PPM

*

SAMPLE DATE 10/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1220 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 7, 950' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7470	8.62	4.3	
2	ETHYLENE	45	5941	6.85	3.4	
3	ACETYLENE	51	7158	8.26	4.2	
4	PROPANE	66	8317	9.59	4.8	
5	PROPYLENE	79	1694	1.95	0.9	
6	ISOBUTANE	109	4176	4.81	2.4	
7	N-BUTANE	125	11297	13.03	6.6	
8	1-BUTENE	167	201	0.23	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	386	0.44	0.1	
10	ISOPENTANE	236	13595	15.68	7.9	
11	N-PENTANE	268	6616	7.63	3.8	
12	CYCLOPENTANE	298	598	0.68	0.3	
13	HEXANES	536	19190	22.14	11.2	

READY

METHANE - 1.81 PPM

SAMPLE DATE 10/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1228 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 8, 720' PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7557	8.41	4.4	
2	ETHYLENE	45	6325	7.04	3.6	
3	ACETYLENE	51	7565	8.42	4.4	
4	PROPANE	66	8050	8.96	4.6	
5	PROPYLENE	79	1830	2.03	1.0	
6	PROPADIENE	93	98	0.10	0.0	
7	ISOBUTANE	109	3986	4.44	2.3	
8	N-BUTANE	125	11705	13.04	6.8	
9	1-BUTENE	167	261	0.28	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	563	0.62	0.3	
11	ISOPENTANE	236	14567	16.23	8.5	
12	N-PENTANE	268	7289	8.12	4.2	
13	CYCLOPENTANE	298	465	0.51	0.2	
14	HEXANES	536	19464	21.69	11.4	

READY

METHANE - 1.77 PPM

SAMPLE DATE 10/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1236 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 9, 500' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	6392	9.40	3.7	
2	ETHYLENE	45	5074	7.46	2.9	
3	ACETYLENE	51	6259	9.20	3.6	
4	PROPANE	66	6002	8.83	3.5	
5	PROPYLENE	79	1675	2.46	0.9	
6	ISOBUTANE	109	2868	4.21	1.6	
7	N-BUTANE	125	9754	14.35	5.7	
8	1-BUTENE	167	105	0.15	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	449	0.65	0.2	
10	ISOPENTANE	236	11552	16.99	6.7	
11	N-PENTANE	268	4740	6.97	2.7	
12	CYCLOPENTANE	298	51	0.07	0.0	
13	HEXANES	536	13037	19.18	7.6	

READY

METHANE - 1.76 PPM

SAMPLE DATE 10/24/73

SAMPLE ID A3,GC-660, 1244 HRS.

SAMPLE NAME SMOG#3,BAG 10, 350'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	5329	9.00	3.1
2	ETHYLENE	45	4748	8.02	2.7
3	ACETYLENE	51	5724	9.67	3.3
4	PROPANE	66	4935	8.34	2.8
5	PROPYLENE	79	1370	2.31	0.7
6	ISOBUTANE	109	2690	4.54	1.5
7	N-BUTANE	125	8070	13.64	4.6
8	1-BUTENE	167	99	0.16	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	235	0.39	0.0
10	ISOPENTANE	236	9797	16.56	5.7
11	N-PENTANE	268	4017	6.79	2.3
12	CYCLOPENTANE	298	46	0.07	0.0
13	HEXANES	536	12077	20.41	7.1

READY

METHANE - 1.73 PPM

*

SAMPLE DATE 10/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0900 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, DOWNEY PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	19173	6.86	10.7	
2	ETHYLENE	45	23313	8.34	13.0	
3	ACETYLENE	51	33968	12.16	19.0	
4	PROPANE	66	21558	7.71	12.1	
5	PROPYLENE	79	10153	3.63	5.7	
6	ISOBUTANE	109	7141	2.55	3.9	
7	N-BUTANE	125	25049	8.96	14.0	
8	1-BUTENE	167	2094	0.74	1.1	
9	ISOBUTYLENE + T-2-BUTENE	196	4369	1.56	2.4	
10	ISOPENTANE	236	45368	16.24	25.4	
11	N-PENTANE	268	19995	7.15	11.1	
12	CYCLOPENTANE	298	2173	0.77	1.1	
13	1-PENTENE	345	549	0.23	0.3	
14	HEXANES	536	64227	23.00	36.0	

READY

METHANE - 2.41 PPM

*

SAMPLE DATE 10/24/73

GC CHANNEL 1

SAMPLE ID A3,GC-202, 1000 HRS.

REF. PEAK TIME 125

SAMPLE NAME ARB VAN, DOWNEY

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10483	3.93	5.8	
2	ETHYLENE	45	20385	7.65	11.4	
3	ACETYLENE	51	21796	8.18	12.1	
4	PROPANE	66	10822	4.06	6.0	
5	PROPYLENE	79	8369	3.14	4.6	
6	ISOBUTANE	109	6839	2.56	3.8	
7	N-BUTANE	125	25584	9.60	14.3	
8	1-BUTENE	167	2094	0.78	1.1	
9	ISOBUTYLENE + T-2-BUTENE	196	4526	1.69	2.5	
10	ISOPENTANE	236	50606	19.00	28.4	
11	N-PENTANE	268	23626	8.87	13.2	
12	CYCLOPENTANE	298	1866	0.69	1.0	
13	1-PENTENE	345	721	0.26	0.3	
14	HEXANES	536	78553	29.49	44.1	

READY

METHANE - 1.96 PPM

*

SAMPLE DATE 10/24/73

SAMPLE ID A3,GC-202, 1100 HRS.

SAMPLE NAME ARB VAN, PARAMOUNT

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6345	6.57	3.5	
2	ETHYLENE	45	8141	8.42	4.5	
3	ACETYLENE	51	8436	8.73	4.6	
4	PROPANE	66	6767	7.00	3.7	
5	PROPYLENE	79	1997	2.06	1.0	
6	ISOBUTANE	109	2948	3.05	1.6	
7	N-BUTANE	125	11168	11.56	6.2	
8	1-BUTENE	167	392	0.40	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	848	0.87	0.4	
10	ISOPENTANE	236	17539	18.16	9.8	
11	N-PENTANE	268	7783	8.05	4.3	
12	CYCLOPENTANE	298	1205	1.24	0.6	
13	HEXANES	536	22994	23.80	12.8	

READY

METHANE - 1.78 PPM

*

SAMPLE DATE 10/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1155 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, BELLFLOWER PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	7310	5.67	4.0
2	ETHYLENE	45	10878	8.45	6.0
3	ACETYLENE	51	10428	8.10	5.8
4	PROPANE	66	7192	5.58	3.9
5	PROPYLENE	79	2790	2.16	1.5
6	ISOBUTANE	109	3596	2.79	1.9
7	N-BUTANE	125	16122	12.52	9.0
8	1-BUTENE	167	508	0.39	0.2
9	ISOBUTYLENE + T-2-BUTENE	196	1675	1.30	0.9
10	ISOPENTANE	236	25535	19.84	14.2
11	N-PENTANE	268	10895	8.46	6.0
12	CYCLOPENTANE	298	623	0.48	0.3
13	1-PENTENE	345	138	0.10	0.0
14	HEXANES	536	30989	24.08	17.4

READY

METHANE - 1.77 PPM

*

SAMPLE DATE 10/24/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1300 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, CYPRESS PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7249	5.53	4.0	
2	ETHYLENE	45	9420	7.19	5.2	
3	ACETYLENE	51	7396	5.64	4.1	
4	PROPANE	66	7386	5.63	4.1	
5	PROPYLENE	79	2237	1.70	1.2	
6	ISOBUTANE	109	3645	2.78	2.0	
7	N-BUTANE	125	17168	13.10	9.6	
8	1-BUTENE	167	1047	0.79	0.5	
9	ISOBUTYLENE + T-2-BUTENE	196	1465	1.11	0.7	
10	ISOPENTANE	236	26276	20.06	14.7	
11	N-PENTANE	268	11311	8.63	6.3	
12	CYCLOPENTANE	298	1953	1.48	1.0	
13	HEXANES	536	34400	26.26	19.2	

READY

METHANE - 1.78 PPM

*

SAMPLE DATE 10/24/73 GC CHANNEL 1

SAMPLE ID A3, GC-202, 1315 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, CYPRESS PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6554	7.78	3.6	
2	ETHYLENE	45	5698	6.76	3.2	
3	ACETYLENE	51	5756	6.83	3.2	
4	PROPANE	66	6713	7.97	3.7	
5	PROPYLENE	79	1394	1.65	0.7	
6	ISOBUTANE	109	3131	3.72	1.7	
7	N-BUTANE	125	10750	12.77	6.0	
8	1-BUTENE	167	804	0.95	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	8844	10.51	4.9	
10	ISOPENTANE	236	11866	14.09	6.6	
11	N-PENTANE	268	4111	4.88	2.2	
12	CYCLOPENTANE	298	94	0.10	0.0	
13	HEXANES	536	18431	21.90	10.3	

READY

METHANE - 1.67 PPM

*

SAMPLE DATE 10/25/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 0712 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 1 — PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4184	10.81	2.0	
2	ETHYLENE	45	2407	6.22	1.1	
3	ACETYLENE	51	1730	4.47	0.8	
4	PROPANE	66	3462	8.95	1.7	
5	PROPYLENE	79	429	1.10	0.1	
6	ISOBUTANE	109	1919	4.95	0.9	
7	N-BUTANE	125	4986	12.89	2.5	
8	ISOBUTYLENE + T-2-BUTENE	196	307	0.79	0.0	
9	ISOPENTANE	236	6573	16.99	3.2	
10	N-PENTANE	268	3180	8.22	1.5	
11	HEXANES	536	9497	24.55	4.7	

READY

METHANE - 1.97 PPM

*

SAMPLE DATE 10/25/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 0715 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 2 | PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	7849	11.81	3.9
2	ETHYLENE	45	5951	8.95	2.9
3	ACETYLENE	51	2257	3.39	1.0
4	PROPANE	66	5161	7.76	2.5
5	PROPYLENE	79	1006	1.51	0.4
6	ISOBUTANE	109	3087	4.64	1.4
7	N-BUTANE	125	7525	11.32	3.7
8	1-BUTENE	167	224	0.33	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	199	0.29	0.0
10	ISOPENTANE	236	10163	15.30	5.0
11	N-PENTANE	268	4763	7.17	2.3
12	CYCLOPENTANE	298	937	1.40	0.4
13	HEXANES	536	17292	26.03	8.6

READY

METHANE - 2.01 PPM

*

SAMPLE DATE 10/25/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0719 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 3 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9213	9.57	4.6	
2	ETHYLENE	45	8009	8.31	3.9	
3	ACETYLENE	51	5490	5.70	2.7	
4	PROPANE	66	6453	6.70	3.2	
5	PROPYLENE	79	1933	2.00	0.9	
6	ISOBUTANE	109	2981	3.09	1.4	
7	N-BUTANE	125	9317	9.67	4.6	
8	1-BUTENE	167	439	0.45	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	1225	1.26	0.5	
10	ISOPENTANE	236	16575	17.21	8.2	
11	N-PENTANE	268	8121	8.43	4.0	
12	CYCLOPENTANE	298	1319	1.36	0.6	
13	HEXANES	536	25190	26.16	12.6	

READY

METHANE - 2.86 PPM

*

SAMPLE DATE 10/25/73

SAMPLE ID A3, GC-202, 0729 HRS.

SAMPLE NAME SMOG#2, BAG 4

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8302	10.41	4.1	
2	ETHYLENE	45	5758	7.22	2.8	
3	ACETYLENE	51	2391	2.99	1.1	
4	PROPANE	66	5615	7.04	2.8	
5	PROPYLENE	79	488	0.61	0.2	
6	ISOBUTANE	109	4070	5.10	2.0	
7	N-BUTANE	125	8733	10.95	4.3	
8	ISOBUTYLENE + T-2-BUTENE	196	116	0.14	0.0	
9	ISOPENTANE	236	12272	15.39	6.1	
10	N-PENTANE	268	5524	6.92	2.7	
11	CYCLOPENTANE	298	801	1.00	0.3	
12	HEXANES	536	25637	32.16	12.8	

READY

METHANE - 1.95 PPM

*

SAMPLE DATE 10/25/73

SAMPLE ID A3,GC-202, 0733 HRS.

SAMPLE NAME SMOG#2,BAG 5

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 9

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3171	10.49	1.5	
2	ETHYLENE	45	3055	10.11	1.4	
3	ACETYLENE	51	2417	8.00	1.1	
4	PROPANE	66	2137	7.07	1.0	
5	PROPYLENE	79	699	2.31	0.3	
6	ISOBUTANE	109	669	2.21	0.3	
7	N-BUTANE	125	2956	9.78	1.4	
8	ISOBUTYLENE + T-2-BUTENE	196	253	0.83	0.0	
9	ISOPENTANE	236	5981	19.80	2.9	
10	N-PENTANE	268	2980	9.86	1.4	
11	CYCLOPENTANE	298	743	2.45	0.3	
12	HEXANES	536	5138	17.01	2.5	

READY

METHANE - 1.74 PPM

*

SAMPLE DATE 10/25/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1114 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 6 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	16094	7.78	8.0	
2	ETHYLENE	45	13836	6.69	6.9	
3	ACETYLENE	51	18964	9.17	9.5	
4	PROPANE	66	15593	7.54	7.8	
5	PROPYLENE	79	4178	2.02	2.0	
6	ISOBUTANE	109	6761	3.27	3.3	
7	N-BUTANE	125	20912	10.11	10.4	
8	1-BUTENE	167	881	0.42	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1605	0.77	0.7	
10	ISOPENTANE	236	34019	16.46	17.1	
11	N-PENTANE	268	15686	7.58	7.8	
12	CYCLOPENTANE	298	1953	0.94	0.9	
13	HEXANES	536	56157	27.17	28.2	

READY

METHANE - 2.38 PPM

*

SAMPLE DATE 10/25/73

SAMPLE ID A3,GC-202, 1121 HRS.

SAMPLE NAME SMOG#2,BAG 7

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	20604	8.85	10.3	
2	ETHYLENE	45	18815	8.08	9.4	
3	ACETYLENE	51	24647	10.59	12.3	
4	PROPANE	66	16849	7.23	8.4	
5	PROPYLENE	79	5331	2.28	2.6	
6	ISOBUTANE	109	7516	3.22	3.7	
7	N-BUTANE	125	24614	10.57	12.3	
8	1-BUTENE	167	1478	0.63	0.7	
9	ISOBUTYLENE + T-2-BUTENE	196	2180	0.93	1.0	
10	ISOPENTANE	236	39620	17.02	19.9	
11	N-PENTANE	268	17065	7.33	8.5	
12	CYCLOPENTANE	298	2368	1.01	1.1	
13	HEXANES	536	51586	22.17	25.9	

READY

METHANE - 2.46 PPM

*

SAMPLE DATE 10/25/73

SAMPLE ID A3,GC-202, 1129 HRS.

SAMPLE NAME SMOG#2,BAG 8

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	18043	8.38	9.0	
2	ETHYLENE	45	18628	8.65	9.3	
3	ACETYLENE	51	20549	9.54	10.3	
4	PROPANE	66	16924	7.86	8.5	
5	PROPYLENE	79	4705	2.18	2.3	
6	ISOBUTANE	109	7142	3.31	3.5	
7	N-BUTANE	125	22888	10.63	11.4	
8	1-BUTENE	167	1030	0.47	0.4	
9	ISOBUTYLENE + T-2-BUTENE	196	1979	0.91	0.9	
10	ISOPENTANE	236	36070	16.76	18.1	
11	N-PENTANE	268	15893	7.38	7.9	
12	CYCLOPENTANE	298	2154	1.00	1.0	
13	1-PENTENE	345	278	0.12	0.0	
14	HEXANES	536	48889	22.72	24.6	

READY

METHANE - 2.36 PPM

*

SAMPLE DATE 10/25/73

SAMPLE ID A3,GC-202, 1137 HRS.

SAMPLE NAME SMOG#2,BAG 9

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	17728	8.66	8.9	
2	ETHYLENE	45	15999	7.82	8.0	
3	ACETYLENE	51	16365	7.99	8.2	
4	PROPANE	66	15115	7.38	7.5	
5	PROPYLENE	79	3524	1.72	1.7	
6	ISOBUTANE	109	6615	3.23	3.2	
7	N-BUTANE	125	22316	10.91	11.1	
8	1-BUTENE	167	1102	0.53	0.5	
9	ISOBUTYLENE + T-2-BUTENE	196	1486	0.72	0.7	
10	ISOPENTANE	236	36022	17.61	18.1	
11	N-PENTANE	268	15686	7.66	7.8	
12	CYCLOPENTANE	298	2402	1.17	1.1	
13	1-PENTENE	345	447	0.21	0.1	
14	HEXANES	536	49726	24.31	25.0	

READY

METHANE - 2.42 PPM

*

SAMPLE DATE 10/25/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1144 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 10 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	18302	8.53	9.1	
2	ETHYLENE	45	18206	8.48	9.1	
3	ACETYLENE	51	15877	7.40	7.9	
4	PROPANE	66	13343	6.22	6.7	
5	PROPYLENE	79	4194	1.95	2.1	
6	ISOBUTANE	109	7093	3.30	3.5	
7	N-BUTANE	125	24172	11.27	12.1	
8	1-BUTENE	167	1010	0.46	0.4	
9	ISOBUTYLENE + T-2-BUTENE	196	1494	0.69	0.7	
10	ISOPENTANE	236	39087	18.22	19.6	
11	N-PENTANE	268	17242	8.03	8.6	
12	CYCLOPENTANE	298	3247	1.51	1.5	
13	HEXANES	536	51151	23.85	25.7	

READY

METHANE - 2.43 PPM

*

SAMPLE DATE 10/25/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1313 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 11 PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	16018	10.39	8.0	
2	ETHYLENE	45	11768	7.63	5.8	
3	ACETYLENE	51	9733	6.31	4.8	
4	PROPANE	66	12949	8.40	6.4	
5	PROPYLENE	79	2077	1.34	1.0	
6	ISOBUTANE	109	6875	4.46	3.4	
7	N-BUTANE	125	18658	12.10	9.3	
8	1-BUTENE	167	159	0.10	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	492	0.31	0.2	
10	ISOPENTANE	236	27290	17.71	13.6	
11	N-PENTANE	268	11943	7.75	5.9	
12	CYCLOPENTANE	298	1890	1.22	0.9	
13	1-PENTENE	345	294	0.18	0.0	
14	HEXANES	536	33899	22.00	17.0	

READY

METHANE - 2.26 PPM

*

SAMPLE DATE 10/25/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 1319 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 12 | PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13845	7.94	6.9	
2	ETHYLENE	45	11768	6.75	5.8	
3	ACETYLENE	51	12794	7.33	6.4	
4	PROPANE	66	11766	6.75	5.8	
5	PROPYLENE	79	2072	1.18	1.0	
6	ISOBUTANE	109	6969	3.99	3.4	
7	N-BUTANE	125	21413	12.28	10.7	
8	1-BUTENE	167	342	0.19	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	725	0.41	0.3	
10	ISOPENTANE	236	32315	18.53	16.2	
11	N-PENTANE	268	14219	8.15	7.1	
12	CYCLOPENTANE	298	2201	1.26	1.0	
13	HEXANES	536	43857	25.16	22.0	

READY

METHANE - 2.18 PPM

*

SAMPLE DATE 10/25/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1325 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 13 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13264	8.30	6.6	
2	ETHYLENE	45	12557	7.86	6.2	
3	ACETYLENE	51	8612	5.39	4.2	
4	PROPANE	66	8193	5.13	4.0	
5	PROPYLENE	79	1211	0.75	0.5	
6	ISOBUTANE	109	4920	3.08	2.4	
7	N-BUTANE	125	16121	10.10	8.0	
8	1-BUTENE	167	403	0.25	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	509	0.31	0.2	
10	ISOPENTANE	236	30085	18.85	15.0	
11	N-PENTANE	268	14225	8.91	7.1	
12	CYCLOPENTANE	298	2724	1.70	1.3	
13	HEXANES	536	46768	29.30	23.5	

READY

METHANE -2.24 PPM

*

SAMPLE DATE 10/25/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1407 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 14 — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	15347	7.88	7.6
2	ETHYLENE	45	12434	6.39	6.2
3	ACETYLENE	51	13567	6.97	6.7
4	PROPANE	66	13866	7.12	6.9
5	PROPYLENE	79	1889	0.97	0.9
6	ISOBUTANE	109	7483	3.84	3.7
7	N-BUTANE	125	21371	10.98	10.7
8	1-BUTENE	167	267	0.13	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	949	0.48	0.4
10	ISOPENTANE	236	33255	17.09	16.7
11	N-PENTANE	268	15074	7.74	7.5
12	CYCLOPENTANE	298	2516	1.29	1.2
13	HEXANES	536	56515	29.04	28.4

READY

METHANE -2.22 PPM

*

SAMPLE DATE 10/25/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0921 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 1, 1100' PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14449	10.29	7.4	
2	ETHYLENE	45	10946	7.80	5.6	
3	ACETYLENE	51	10257	7.30	5.2	
4	PROPANE	66	13937	9.93	7.1	
5	PROPYLENE	79	3484	2.48	1.7	
6	PROPADIENE	93	419	0.29	0.1	
7	ISOBUTANE	109	7338	5.23	3.7	
8	N-BUTANE	125	17135	12.21	8.7	
9	1-BUTENE	167	393	0.27	0.1	
10	ISOBUTYLENE + T-2-BUTENE	196	1490	1.06	0.7	
11	ISOPENTANE	236	22314	15.90	11.4	
12	N-PENTANE	268	9876	7.03	5.0	
13	CYCLOPENTANE	298	1090	0.77	0.5	
14	1-PENTENE	345	138	0.09	0.0	
15	HEXANES	536	27015	19.25	13.8	

READY

METHANE - 2.24 PPM

*

SAMPLE DATE 10/25/73

SAMPLE ID A3,GC-660, 0928 HRS.

SAMPLE NAME SMOG#3,BAG 2, 850'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11782	8.80	6.0	
2	ETHYLENE	45	8557	6.39	4.3	
3	ACETYLENE	51	9440	7.05	4.8	
4	PROPANE	66	11977	8.94	6.0	
5	PROPYLENE	79	3470	2.59	1.7	
6	PROPADIENE	93	432	0.32	0.1	
7	ISOBUTANE	109	6417	4.79	3.2	
8	N-BUTANE	125	15150	11.31	7.7	
9	1-BUTENE	167	715	0.53	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	1537	1.14	0.7	
11	ISOPENTANE	236	29437	21.99	15.0	
12	N-PENTANE	268	9568	7.14	4.9	
13	CYCLOPENTANE	298	1216	0.90	0.6	
14	HEXANES	536	24117	18.02	12.3	

READY

METHANE - 1.99 PPM

*

SAMPLE DATE 10/25/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0935 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 3, 580' PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14666	7.71	7.5	
2	ETHYLENE	45	14192	7.46	7.2	
3	ACETYLENE	51	16934	8.90	8.6	
4	PROPANE	66	14739	7.75	7.5	
5	PROPYLENE	79	5794	3.04	2.9	
6	PROPADIENE	93	708	0.37	0.3	
7	ISOBUTANE	109	8422	4.42	4.2	
8	N-BUTANE	125	21613	11.36	11.0	
9	1-BUTENE	167	1121	0.58	0.5	
10	ISOBUTYLENE + T-2-BUTENE	196	2701	1.41	1.3	
11	ISOPENTANE	236	33076	17.40	16.9	
12	N-PENTANE	268	14884	7.82	7.6	
13	CYCLOPENTANE	298	1751	0.91	0.8	
14	1-PENTENE	345	466	0.24	0.2	
15	HEXANES	536	39011	20.52	20.0	

READY

METHANE - 2.25 PPM

*

SAMPLE DATE 10/25/73

SAMPLE ID A3,GC-660, 0942 HRS.

SAMPLE NAME SMOG#3,BAG 4, 450'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	18769	8.23	9.6	
2	ETHYLENE	45	17147	7.52	8.7	
3	ACETYLENE	51	20377	8.94	10.4	
4	PROPANE	66	17742	7.78	9.0	
5	PROPYLENE	79	6855	3.00	3.5	
6	PROPADIENE	93	903	0.39	0.3	
7	ISOBUTANE	109	10270	4.50	5.2	
8	N-BUTANE	125	24856	10.90	12.7	
9	1-BUTENE	167	1718	0.75	0.8	
10	ISOBUTYLENE + T-2-BUTENE	196	3834	1.68	1.9	
11	ISOPENTANE	236	38895	17.06	20.0	
12	N-PENTANE	268	17913	7.85	9.2	
13	CYCLOPENTANE	298	2725	1.19	1.3	
14	1-PENTENE	345	327	0.14	0.1	
15	HEXANES	536	45539	19.98	23.3	

READY

METHANE - 2.30 PPM

*

SAMPLE DATE 10/25/73 | GC CHANNEL 1

SAMPLE ID A3,GC-660, 0939 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 5, 720' | PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	18791	8.85	9.6	
2	ETHYLENE	45	17233	8.12	8.8	
3	ACETYLENE	51	21204	9.99	10.8	
4	PROPANE	66	16853	7.94	8.6	
5	PROPYLENE	79	6746	3.17	3.4	
6	PROPADIENE	93	470	0.21	0.2	
7	ISOBUTANE	109	7441	3.50	3.8	
8	N-BUTANE	125	21327	10.05	10.9	
9	1-BUTENE	167	1114	0.52	0.5	
10	ISOBUTYLENE + T-2-BUTENE	196	3097	1.45	1.5	
11	ISOPENTANE	236	35900	16.92	18.4	
12	N-PENTANE	268	14466	6.82	7.4	
13	CYCLOPENTANE	298	1992	0.93	1.0	
14	HEXANES	536	45425	21.42	23.3	

READY

METHANE - 2.38 PPM

SAMPLE DATE 10/25/73

SAMPLE ID A3,GC-660, 1151 HRS.

SAMPLE NAME SMOG#3,BAG 6, 450'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14996	9.20	7.6	
2	ETHYLENE	45	12753	7.82	6.5	
3	ACETYLENE	51	15346	9.42	7.8	
4	PROPANE	66	12761	7.83	6.5	
5	PROPYLENE	79	3907	2.39	1.9	
6	ISOBUTANE	109	7420	4.55	3.7	
7	N-BUTANE	125	18921	11.61	9.6	
8	1-BUTENE	167	675	0.41	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	926	0.56	0.4	
10	ISOPENTANE	236	27642	16.97	14.2	
11	N-PENTANE	268	11307	6.93	5.7	
12	CYCLOPENTANE	298	1102	0.67	0.5	
13	1-PENTENE	345	94	0.05	0.0	
14	HEXANES	536	35023	21.50	17.9	

READY

METHANE - 2.14 PPM

*

SAMPLE DATE 10/25/73

SAMPLE ID A3,GC-660, 1200 HRS.

SAMPLE NAME SMOG#3,BAG 7, 750'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	15337	9.69	7.8	
2	ETHYLENE	45	10619	6.71	5.3	
3	ACETYLENE	51	15389	9.72	7.8	
4	PROPANE	66	13582	8.58	6.9	
5	PROPYLENE	79	4602	2.90	2.3	
6	ISOBUTANE	109	7355	4.64	3.7	
7	N-BUTANE	125	18697	11.81	9.6	
8	1-BUTENE	167	456	0.28	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	970	0.61	0.4	
10	ISOPENTANE	236	26997	17.06	13.8	
11	N-PENTANE	268	11542	7.29	5.9	
12	CYCLOPENTANE	298	1211	0.76	0.5	
13	1-PENTENE	345	75	0.04	0.0	
14	HEXANES	536	31350	19.81	16.0	

READY

METHANE - 2.21 PPM

*

SAMPLE DATE 10/25/73

SAMPLE ID A3, GC-660, 1210 HRS.

SAMPLE NAME SMOC#3, BAG 8, 920'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	16054	8.80	8.2
2	ETHYLENE	45	13680	7.50	7.0
3	ACETYLENE	51	17581	9.64	8.9
4	PROPANE	66	13784	7.56	7.0
5	PROPYLENE	79	4314	2.36	2.1
6	ISOBUTANE	109	7161	3.92	3.6
7	N-BUTANE	125	19883	10.91	10.1
8	1-BUTENE	167	1017	0.55	0.4
9	ISOBUTYLENE + T-2-BUTENE	196	1267	0.69	0.6
10	ISOPENTANE	236	31372	17.21	16.0
11	N-PENTANE	268	13871	7.61	7.1
12	CYCLOPENTANE	298	1252	0.68	0.6
13	HEXANES	536	40989	22.49	21.0

READY

METHANE - 2.26 PPM

*

SAMPLE DATE 10/25/73

SAMPLE ID A3,GC-660, 1217 HRS.

SAMPLE NAME SMOG#3,BAG 9, 520'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	21099	5.99	10.7	
2	ETHYLENE	45	19823	5.63	10.1	
3	ACETYLENE	51	29263	8.31	15.0	
4	PROPANE	66	26715	7.58	13.6	
5	PROPYLENE	79	7861	2.23	3.9	
6	PROPADIENE	93	1282	0.36	0.6	
7	ISOBUTANE	109	15684	4.45	8.0	
8	N-BUTANE	125	43360	12.31	22.2	
9	1-BUTENE	167	2969	0.84	1.4	
10	ISOBUTYLENE + T-2-BUTENE	196	4053	1.15	2.0	
11	ISOPENTANE	236	68275	19.40	35.0	
12	N-PENTANE	268	31649	8.99	16.2	
13	CYCLOPENTANE	298	5997	1.70	3.0	
14	1-PENTENE	345	3261	0.92	1.6	
15	HEXANES	536	70600	20.06	36.3	
READY						

METHANE - 2.20 PPM

*

SAMPLE DATE 10/25/73

SAMPLE ID A3, GC-660, 1224 HRS.

SAMPLE NAME SMOG#3, BAG 10, 750'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14715	8.88	7.5	
2	ETHYLENE	45	11315	6.82	5.7	
3	ACETYLENE	51	15764	9.51	8.0	
4	PROPANE	66	12672	7.65	6.4	
5	PROPYLENE	79	4212	2.54	2.1	
6	ISOBUTANE	109	7302	4.40	3.7	
7	N-BUTANE	125	18646	11.25	9.5	
8	1-BUTENE	167	707	0.42	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1177	0.70	0.5	
10	ISOPENTANE	236	27963	16.88	14.3	
11	N-PENTANE	268	11443	6.90	5.8	
12	CYCLOPENTANE	298	1025	0.61	0.4	
13	HEXANES	536	38657	23.34	19.8	

READY

METHANE - 2.17 PPM

*

SAMPLE DATE 10/25/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0830 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	18654	4.50	10.9	
2	ETHYLENE	45	24446	5.90	14.3	
3	ACETYLENE	51	24921	6.02	14.6	
4	PROPANE	66	27605	6.67	16.2	
5	PROPYLENE	79	12060	2.91	7.1	
6	PROPADIENE	93	1405	0.33	0.7	
7	ISOBUTANE	109	20298	4.90	11.9	
8	N-BUTANE	125	57078	13.79	33.6	
9	1-BUTENE	167	3395	0.81	1.9	
10	ISOBUTYLENE + T-2-BUTENE	196	6697	1.61	3.9	
11	ISOPENTANE	236	103046	24.90	60.7	
12	N-PENTANE	268	38189	9.22	22.5	
13	CYCLOPENTANE	298	2599	0.62	1.4	
14	1-PENTENE	345	2636	0.63	1.4	
15	HEXANES	536	70709	17.08	41.7	

READY

METHANE - 2.43 PPM

*

SAMPLE DATE 10/25/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0930 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	18852	3.45	9.6	
2	ETHYLENE	45	24147	4.42	12.4	
3	ACETYLENE	51	27764	5.09	14.2	
4	PROPANE	66	23714	4.34	12.1	
5	PROPYLENE	79	10000	1.83	5.0	
6	ISOBUTANE	109	21600	3.96	11.0	
7	N-BUTANE	125	107489	19.71	55.3	
8	1-BUTENE	167	3109	0.56	1.5	
9	ISOBUTYLENE + T-2-BUTENE	196	6332	1.15	3.2	
10	ISOPENTANE	236	131500	24.11	67.6	
11	N-PENTANE	268	54690	10.02	28.1	
12	CYCLOPENTANE	298	6253	1.14	3.2	
13	1-PENTENE	345	5071	0.92	2.5	
14	HEXANES	536	104755	19.21	53.9	

READY

METHANE - 2.43 PPM

*

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

SAMPLE DATE 10/25/73

SAMPLE ID A3,GC-660, 1025 HRS.

SAMPLE NAME ARB VAN, LOS ANGELES

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	23144	6.14	11.8
2	ETHYLENE	45	27636	7.33	14.2
3	ACETYLENE	51	32263	8.56	16.5
4	PROPANE	66	21509	5.70	11.0
5	PROPYLENE	79	10690	2.83	5.4
6	PROPADIENE	93	752	0.19	0.3
7	ISOBUTANE	109	10466	2.77	5.3
8	N-BUTANE	125	39055	10.36	20.0
9	1-BUTENE	167	3014	0.79	1.4
10	ISOBUTYLENE + T-2-BUTENE	196	6543	1.73	3.3
11	ISOPENTANE	236	67051	17.79	34.4
12	N-PENTANE	268	29557	7.84	15.1
13	CYCLOPENTANE	298	4079	1.08	2.0
14	1-PENTENE	345	1131	0.29	0.5
15	HEXANES	536	99949	26.52	51.4

READY

METHANE - 2.47 PPM

*

SAMPLE DATE 10/25/73

SAMPLE ID A3,GC-660, 1125 HRS.

SAMPLE NAME ARB VAN, LOS ANGELES

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	25309	7.56	12.9	
2	ETHYLENE	45	21926	6.55	11.2	
3	ACETYLENE	51	24495	7.32	12.5	
4	PROPANE	66	24111	7.21	12.3	
5	PROPYLENE	79	8044	2.40	4.0	
6	PROPADIENE	93	731	0.21	0.3	
7	ISOBUTANE	109	13772	4.11	7.0	
8	N-BUTANE	125	40553	12.12	20.8	
9	1-BUTENE	167	2580	0.76	1.2	
10	ISOBUTYLENE + T-2-BUTENE	196	4269	1.27	2.1	
11	ISOPENTANE	236	62094	18.56	31.9	
12	N-PENTANE	268	28223	8.44	14.4	
13	CYCLOPENTANE	298	2946	0.87	1.4	
14	1-PENTENE	345	992	0.29	0.4	
15	HEXANES	536	74302	22.22	38.2	

READY

METHANE - 2.16 PPM

*

SAMPLE DATE 10/25/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1230 HRS. — REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES — PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	25309	7.56	12.9	
2	ETHYLENE	45	21926	6.55	11.2	
3	ACETYLENE	51	24495	7.32	12.5	
4	PROPANE	66	24111	7.20	12.3	
5	PROPYLENE	79	8107	2.42	4.1	
6	PROPADIENE	93	731	0.21	0.3	
7	ISOBUTANE	109	13772	4.11	7.0	
8	N-BUTANE	125	40553	12.12	20.8	
9	1-BUTENE	167	2580	0.76	1.2	
10	ISOBUTYLENE + T-2-BUTENE	196	4269	1.27	2.1	
11	ISOPENTANE	236	62094	18.56	31.9	
12	N-PENTANE	268	28223	8.43	14.4	
13	CYCLOPENTANE	298	2946	0.87	1.4	
14	1-PENTENE	345	992	0.29	0.4	
15	HEXANES	536	74302	22.21	38.2	

READY

METHANE - 2.40 PPM

*

SAMPLE DATE 10/25/73

SAMPLE ID A3,GC-660, 1330 HRS.

SAMPLE NAME ARB VAN, LOS ANGELES

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	20641	8.32	10.5
2	ETHYLENE	45	16974	6.84	8.6
3	ACETYLENE	51	19265	7.77	9.8
4	PROPANE	66	19966	8.05	10.2
5	PROPYLENE	79	6053	2.44	3.0
6	PROPADIENE	93	829	0.33	0.3
7	ISOBUTANE	109	10685	4.30	5.4
8	N-BUTANE	125	33224	13.40	17.0
9	1-BUTENE	167	1501	0.60	0.7
10	ISOBUTYLENE + T-2-BUTENE	196	2910	1.17	1.4
11	ISOPENTANE	236	45816	18.48	23.5
12	N-PENTANE	268	19806	7.99	10.1
13	CYCLOPENTANE	298	2163	0.87	1.0
14	1-PENTENE	345	625	0.25	0.3
15	HEXANES	536	47344	19.10	24.2

READY

METHANE - 2.20 PPM

*

SAMPLE DATE 10/26/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1136 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 1, 900' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	17065	9.36	8.7	
2	ETHYLENE	45	12275	6.73	6.2	
3	ACETYLENE	51	18758	10.29	9.6	
4	PROPANE	66	15950	8.75	8.1	
5	PROPYLENE	79	2585	1.41	1.3	
6	ISOBUTANE	109	7103	3.89	3.5	
7	N-BUTANE	125	18595	10.20	9.5	
8	1-BUTENE	167	396	0.21	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	1487	0.81	0.7	
10	ISOPENTANE	236	25869	14.19	13.2	
11	N-PENTANE	268	12449	6.83	6.3	
12	CYCLOPENTANE	298	1829	1.00	0.9	
13	HEXANES	536	47807	26.24	24.5	

READY

METHANE - 2.18 PPM

*

SAMPLE DATE 10/26/73

SAMPLE ID A3,GC-202, 1203 HRS.

SAMPLE NAME SMOG#2,BAG 2, 750'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	14866	9.27	7.5
2	ETHYLENE	45	9850	6.14	5.0
3	ACETYLENE	51	14270	8.90	7.2
4	PROPANE	66	13221	8.24	6.7
5	PROPYLENE	79	1373	0.85	0.7
6	ISOBUTANE	109	6012	3.75	3.0
7	N-BUTANE	125	16391	10.22	8.3
8	1-BUTENE	167	403	0.25	0.1
9	ISOBUTYLENE + T-2-BUTENE	196	669	0.41	0.3
10	ISOPENTANE	236	24578	15.33	12.5
11	N-PENTANE	268	12361	7.71	6.3
12	CYCLOPENTANE	298	2194	1.36	1.0
13	HEXANES	536	44098	27.51	22.6

READY

METHANE - 2.18 PPM

*

SAMPLE DATE 10/26/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1211 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 3, 550' — PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	14364	9.26	7.3
2	ETHYLENE	45	9055	5.83	4.6
3	ACETYLENE	51	13691	8.82	7.0
4	PROPANE	66	13308	8.58	6.7
5	PROPYLENE	79	1397	0.90	0.7
6	PROPADIENE	93	151	0.09	0.0
7	ISOBUTANE	109	6396	4.12	3.2
8	N-BUTANE	125	17382	11.20	8.9
9	1-BUTENE	167	232	0.14	0.0
10	ISOBUTYLENE + T-2-BUTENE	196	507	0.32	0.2
11	ISOPENTANE	236	23502	15.15	12.0
12	N-PENTANE	268	11276	7.26	5.7
13	CYCLOPENTANE	298	1308	0.84	0.6
14	HEXANES	536	42495	27.40	21.7

READY

METHANE - 2.06 PPM

*

SAMPLE DATE 10/26/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1218 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4, 350' — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14967	9.29	7.6	
2	ETHYLENE	45	10096	6.26	5.1	
3	ACETYLENE	51	14996	9.31	7.6	
4	PROPANE	66	13768	8.55	7.0	
5	PROPYLENE	79	1650	1.02	0.7	
6	ISOBUTANE	109	6098	3.78	3.1	
7	N-BUTANE	125	16875	10.47	8.6	
8	1-BUTENE	167	240	0.14	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	681	0.42	0.3	
10	ISOPENTANE	236	24504	15.21	12.5	
11	N-PENTANE	268	11499	7.14	5.8	
12	CYCLOPENTANE	298	671	0.41	0.3	
13	HEXANES	536	44951	27.92	23.0	

READY

METHANE - 2.14 PPM

*

SAMPLE DATE 10/26/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1226 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 5, 550' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14706	9.04	7.5	
2	ETHYLENE	45	10318	6.34	5.2	
3	ACETYLENE	51	15186	9.34	7.7	
4	PROPANE	66	13995	8.60	7.1	
5	PROPYLENE	79	2200	1.35	1.0	
6	ISOBUTANE	109	6154	3.78	3.1	
7	N-BUTANE	125	17011	10.46	8.6	
8	1-BUTENE	167	124	0.07	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	552	0.33	0.2	
10	ISOPENTANE	236	23873	14.68	12.2	
11	N-PENTANE	268	11228	6.90	5.7	
12	CYCLOPENTANE	298	1299	0.79	0.6	
13	HEXANES	536	45864	28.21	23.5	

READY

METHANE - 2.15 PPM

*

SAMPLE DATE 10/26/73

SAMPLE ID A3, GC-202, 1435 HRS.

SAMPLE NAME SMOG#2, BAG 6

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13804	10.02	7.0	
2	ETHYLENE	45	6686	4.85	3.3	
3	ACETYLENE	51	10830	7.86	5.5	
4	PROPANE	66	16792	12.19	8.5	
5	PROPYLENE	79	801	0.57	0.3	
6	ISOBUTANE	109	6999	5.08	3.5	
7	N-BUTANE	125	19477	14.14	10.0	
8	1-BUTENE	167	233	0.16	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	304	0.21	0.1	
10	ISOPENTANE	236	21496	15.60	11.0	
11	N-PENTANE	268	10865	7.88	5.5	
12	CYCLOPENTANE	298	1192	0.86	0.5	
13	HEXANES	536	28232	20.49	14.4	

READY

METHANE - 1.97 PPM

*

SAMPLE DATE 10/26/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 1442 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 7 | PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	15892	9.10	8.1	
2	ETHYLENE	45	8207	4.69	4.2	
3	ACETYLENE	51	11375	6.51	5.7	
4	PROPANE	66	22561	12.92	11.5	
5	PROPYLENE	79	1595	0.91	0.7	
6	ISOBUTANE	109	10205	5.84	5.2	
7	N-BUTANE	125	24780	14.19	12.7	
8	1-BUTENE	167	245	0.13	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	581	0.33	0.2	
10	ISOPENTANE	236	25783	14.76	13.2	
11	N-PENTANE	268	13831	7.91	7.1	
12	CYCLOPENTANE	298	2913	1.66	1.4	
13	HEXANES	536	36626	20.97	18.8	

READY

METHANE - 1.95 PPM

SAMPLE DATE 10/26/73

SAMPLE ID A3,GC-202, 1450 HRS.

SAMPLE NAME SMOG#2,BAG 8

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11665	8.18	5.9	
2	ETHYLENE	45	8300	5.82	4.2	
3	ACETYLENE	51	7528	5.27	3.8	
4	PROPANE	66	16348	11.46	8.3	
5	PROPYLENE	79	1166	0.81	0.5	
6	ISOBUTANE	109	8508	5.96	4.2	
7	N-BUTANE	125	21167	14.84	10.8	
8	1-BUTENE	167	289	0.20	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	616	0.43	0.3	
10	ISOPENTANE	236	22430	15.73	11.4	
11	N-PENTANE	268	11780	8.26	6.0	
12	CYCLOPENTANE	298	1934	1.35	0.9	
13	1-PENTENE	345	100	0.06	0.0	
14	HEXANES	536	30682	21.52	15.7	

READY

METHANE - 2.04 PPM

*

SAMPLE DATE 10/26/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1458 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 9 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	15523	9.07	7.9	
2	ETHYLENE	45	9308	5.43	4.7	
3	ACETYLENE	51	11304	6.60	5.7	
4	PROPANE	66	20028	11.70	10.2	
5	PROPYLENE	79	1798	1.04	0.8	
6	ISOBUTANE	109	9529	5.56	4.8	
7	N-BUTANE	125	24683	14.42	12.6	
8	1-BUTENE	167	196	0.11	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	612	0.35	0.3	
10	ISOPENTANE	236	25445	14.87	13.0	
11	N-PENTANE	268	12874	7.52	6.5	
12	CYCLOPENTANE	298	1601	0.93	0.7	
13	HEXANES	536	38176	22.31	19.6	

READY

METHANE - 2.10 PPM

*

SAMPLE DATE 10/26/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1506 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 10 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	12296	9.39	6.2	
2	ETHYLENE	45	8334	6.36	4.2	
3	ACETYLENE	51	7280	5.56	3.6	
4	PROPANE	66	15039	11.49	7.6	
5	PROPYLENE	79	1081	0.82	0.5	
6	ISOBUTANE	109	9725	7.43	4.9	
7	N-BUTANE	125	2426	1.85	1.1	
8	1-BUTENE	167	536	0.40	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	419	0.31	0.1	
10	ISOPENTANE	236	24339	18.60	12.5	
11	N-PENTANE	268	12398	9.47	6.3	
12	CYCLOPENTANE	298	1297	0.98	0.6	
13	HEXANES	536	35636	27.24	18.2	

READY

METHANE - 2.05 PPM

*

SAMPLE DATE 10/26/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1038 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 1, 1000' — PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	17129	8.41	8.5	
2	ETHYLENE	45	16812	8.26	8.4	
3	ACETYLENE	51	17817	8.75	8.9	
4	PROPANE	66	16020	7.87	8.0	
5	PROPYLENE	79	4907	2.41	2.4	
6	PROPADIENE	93	508	0.24	0.2	
7	ISOBUTANE	109	8682	4.26	4.2	
8	N-BUTANE	125	22285	10.95	11.1	
9	1-BUTENE	167	819	0.39	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	1998	0.97	0.9	
11	ISOPENTANE	236	34339	16.88	17.2	
12	N-PENTANE	268	15032	7.38	7.5	
13	CYCLOPENTANE	298	1626	0.79	0.7	
14	1-PENTENE	345	894	0.43	0.3	
15	HEXANES	536	44529	21.89	22.3	

READY

METHANE - 2.22 PPM

*

SAMPLE DATE 10/26/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1045 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 2, 900' PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	19788	7.76	9.9	
2	ETHYLENE	45	19981	7.84	10.0	
3	ACETYLENE	51	23152	9.09	11.6	
4	PROPANE	66	18182	7.13	9.1	
5	PROPYLENE	79	6084	2.38	3.0	
6	PROPADIENE	93	636	0.24	0.3	
7	ISOBUTANE	109	9811	3.85	4.9	
8	N-BUTANE	125	26853	10.54	13.4	
9	1-BUTENE	167	1458	0.57	0.7	
10	ISOBUTYLENE + T-2-BUTENE	196	2700	1.05	1.3	
11	ISOPENTANE	236	43909	17.24	22.0	
12	N-PENTANE	268	19062	7.48	9.5	
13	CYCLOPENTANE	298	2970	1.16	1.4	
14	1-PENTENE	345	532	0.20	0.2	
15	HEXANES	536	59535	23.37	29.9	

READY

METHANE - 2.29 PPM

*

SAMPLE DATE 10/26/72

SAMPLE ID A3,GC-660, 1053 HRS.

SAMPLE NAME SMOG#3,BAG 3, 600'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
[illegible]	ETHANE	40	20858	7.82	10.4	
[illegible]	ETHYLENE	45	21157	7.93	10.6	
3	ACETYLENE	51	24266	9.10	12.1	
4	PROPANE	66	19004	7.12	9.5	
5	PROPYLENE	79	7143	2.67	3.5	
6	PROPADIENE	93	819	0.30	0.3	
7	ISOBUTANE	109	10635	3.98	5.3	
8	N-BUTANE	125	29069	10.90	14.6	
9	1-BUTENE	167	1430	0.53	0.7	
10	ISOBUTYLENE + T-2-BUTENE	196	2633	0.98	1.2	
11	ISOPENTANE	236	45815	17.18	22.9	
12	N-PENTANE	268	18790	7.04	9.3	
13	CYCLOPENTANE	298	2224	0.83	1.0	
14	1-PENTENE	345	514	0.19	0.2	
15	HEXANES	536	62223	23.33	31.2	

READY

METHANE - 2.34 PPM

*

SAMPLE DATE 10/26/73

SAMPLE ID A3,GC-660, 1102 HRS.

SAMPLE NAME SMOG#3,BAG 4, 470'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	18523	8.33	9.2	
2	ETHYLENE	45	15964	7.18	7.9	
3	ACETYLENE	51	19062	8.58	9.5	
4	PROPANE	66	17751	7.99	8.9	
5	PROPYLENE	79	4316	1.94	2.1	
6	ISOBUTANE	109	9687	4.36	4.8	
7	N-BUTANE	125	26030	11.71	13.0	
8	1-BUTENE	167	1069	0.47	0.4	
9	ISOBUTYLENE + T-2-BUTENE	196	1950	0.87	0.9	
10	ISOPENTANE	236	38588	17.37	19.3	
11	N-PENTANE	268	16594	7.47	8.2	
12	CYCLOPENTANE	298	1800	0.80	0.8	
13	1-PENTENE	345	192	0.08	0.0	
14	HEXANES	536	50567	22.76	25.3	

READY

METHANE - 2.26 PPM

*

SAMPLE DATE 10/26/73

SAMPLE ID A3,GC-660, 1110 HRS.

SAMPLE NAME SMOG#3,BAG 5, 500'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	17986	8.84	8.9	
2	ETHYLENE	45	14956	7.35	7.5	
3	ACETYLENE	51	17484	8.59	8.7	
4	PROPANE	66	16777	8.24	8.4	
5	PROPYLENE	79	4451	2.18	2.1	
6	PROPADIENE	93	392	0.19	0.1	
7	ISOBUTANE	109	8426	4.14	4.2	
8	N-BUTANE	125	22737	11.17	11.4	
9	1-BUTENE	167	908	0.44	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	1892	0.92	0.9	
11	ISOPENTANE	236	34054	16.74	17.1	
12	N-PENTANE	268	15725	7.73	7.8	
13	CYCLOPENTANE	298	2402	1.17	1.1	
14	1-PENTENE	345	327	0.15	0.1	
15	HEXANES	536	44885	22.06	22.5	

READY

METHANE - 2.26 PPM

*

SAMPLE DATE 10/26/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1309 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 6 PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13414	10.18	6.7	
2	ETHYLENE	45	8883	6.74	4.4	
3	ACETYLENE	51	11530	8.75	5.7	
4	PROPANE	66	12997	9.86	6.4	
5	PROPYLENE	79	2473	1.87	1.1	
6	PROPADIENE	93	340	0.25	0.1	
7	ISOBUTANE	109	5975	4.53	2.9	
8	N-BUTANE	125	14725	11.17	7.3	
9	1-BUTENE	167	197	0.14	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	470	0.35	0.2	
11	ISOPENTANE	236	19643	14.91	9.8	
12	N-PENTANE	268	8231	6.28	4.1	
13	CYCLOPENTANE	298	811	0.61	0.3	
14	HEXANES	536	31989	24.28	16.0	

READY

METHANE - 2.05 PPM

*

SAMPLE DATE 10/26/73

SAMPLE ID A3,GC-660, 1316 HRS.

SAMPLE NAME SMOG#3, BAG 7

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11908	9.57	5.9	
2	ETHYLENE	45	7549	6.06	3.7	
3	ACETYLENE	51	10562	8.49	5.3	
4	PROPANE	66	11650	9.36	5.8	
5	PROPYLENE	79	1693	1.36	0.7	
6	PROPADIENE	93	327	0.26	0.1	
7	ISOBUTANE	109	5653	4.54	2.8	
8	N-BUTANE	125	14055	11.30	7.0	
9	1-BUTENE	167	162	0.12	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	517	0.41	0.2	
11	ISOPENTANE	236	19383	15.59	9.6	
12	N-PENTANE	268	8776	7.05	4.3	
13	CYCLOPENTANE	298	892	0.71	0.3	
14	HEXANES	536	31183	25.08	15.6	

READY

METHANE - 2.02 PPM

*

SAMPLE DATE 10/26/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1323 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 8 PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11814	9.39	5.9	
2	ETHYLENE	45	7732	6.14	3.8	
3	ACETYLENE	51	10731	8.52	5.3	
4	PROPANE	66	11425	9.08	5.7	
5	PROPYLENE	79	1374	1.08	0.6	
6	PROPADIENE	93	208	0.16	0.0	
7	ISOBUTANE	109	5458	4.33	2.7	
8	N-BUTANE	125	14087	11.19	7.0	
9	ISOBUTYLENE + T-2-BUTENE	196	579	0.45	0.2	
10	ISOPENTANE	236	20469	16.27	10.2	
11	N-PENTANE	268	9777	7.77	4.8	
12	CYCLOPENTANE	298	1429	1.13	0.7	
13	1-PENTENE	345	154	0.12	0.0	
14	HEXANES	536	30536	24.27	15.3	

READY

METHANE - 2.03 PPM

SAMPLE DATE 10/26/73

SAMPLE ID A3,GC-660, 1330 HRS.

SAMPLE NAME SMOG#3,BAG 9

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	11798	9.93	5.8
2	ETHYLENE	45	8225	6.92	4.0
3	ACETYLENE	51	10073	8.47	5.0
4	PROPANE	66	10174	8.56	5.0
5	PROPYLENE	79	1556	1.30	0.7
6	ISOBUTANE	109	4803	4.04	2.3
7	N-BUTANE	125	12902	10.85	6.4
8	1-BUTENE	167	247	0.20	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	564	0.47	0.2
10	ISOPENTANE	236	19130	16.10	9.6
11	N-PENTANE	268	8965	7.54	4.4
12	CYCLOPENTANE	298	1096	0.92	0.5
13	1-PENTENE	345	135	0.11	0.0
14	HEXANES	536	29130	24.51	14.6

READY

METHANE - 2.10 PPM

*

SAMPLE DATE 10/26/73

SAMPLE ID A3,GC-660, 1337 HRS.

SAMPLE NAME SMOG#3,BAG 10

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10342	10.50	5.1	
2	ETHYLENE	45	5766	5.85	2.8	
3	ACETYLENE	51	8581	8.71	4.2	
4	PROPANE	66	9304	9.45	4.6	
5	PROPYLENE	79	971	0.98	0.4	
6	ISOBUTANE	109	4678	4.75	2.3	
7	N-BUTANE	125	11526	11.70	5.7	
8	1-BUTENE	167	187	0.18	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	419	0.42	0.1	
10	ISOPENTANE	236	16198	16.45	8.1	
11	N-PENTANE	268	7232	7.34	3.5	
12	CYCLOPENTANE	298	792	0.80	0.3	
13	HEXANES	536	22417	22.77	11.2	

READY

METHANE - 1.92 PPM

*

SAMPLE DATE 10/26/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1543 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 11, 900' PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	20198	8.78	10.1	
2	ETHYLENE	45	10848	4.71	5.3	
3	ACETYLENE	51	14583	6.34	7.2	
4	PROPANE	66	24436	10.62	12.2	
5	PROPYLENE	79	4687	2.03	2.3	
6	PROPADIENE	93	374	0.16	0.1	
7	ISOBUTANE	109	14696	6.39	7.3	
8	N-BUTANE	125	30101	13.09	15.0	
9	1-BUTENE	167	1216	0.52	0.5	
10	ISOBUTYLENE + T-2-BUTENE	196	3471	1.50	1.7	
11	ISOPENTANE	236	37646	16.37	18.9	
12	N-PENTANE	268	18461	8.02	9.2	
13	CYCLOPENTANE	298	3407	1.48	1.6	
14	1-PENTENE	345	54	0.02	0.0	
15	HEXANES	536	45716	19.88	22.9	

READY

METHANE - 2.04 PPM

*

SAMPLE DATE 10/26/73

SAMPLE ID A3,GC-660, 1549 HRS.

SAMPLE NAME SMOG#3,BAG 12, 1100'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	15729	8.70	7.8	
2	ETHYLENE	45	8317	4.60	4.1	
3	ACETYLENE	51	11328	6.27	5.6	
4	PROPANE	66	20675	11.45	10.3	
5	PROPYLENE	79	2339	1.29	1.1	
6	PROPADIENE	93	364	0.20	0.1	
7	ISOBUTANE	109	11891	6.58	5.9	
8	N-BUTANE	125	24433	13.53	12.2	
9	1-BUTENE	167	1695	0.93	0.7	
10	ISOBUTYLENE + T-2-BUTENE	196	3312	1.83	1.6	
11	ISOPENTANE	236	29124	16.12	14.6	
12	N-PENTANE	268	14838	8.21	7.4	
13	CYCLOPENTANE	298	2377	1.31	1.1	
14	HEXANES	536	34135	18.90	17.1	

READY

METHANE - 2.05 PPM

*

SAMPLE DATE 10/26/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1557 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 13 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	12205	8.22	6.2	
2	ETHYLENE	45	9081	6.12	4.6	
3	ACETYLENE	51	14885	10.03	7.5	
4	PROPANE	66	15017	10.12	7.6	
5	PROPYLENE	79	1314	0.88	0.6	
6	ISOBUTANE	109	8061	5.43	4.1	
7	N-BUTANE	125	18643	12.56	9.5	
8	1-BUTENE	167	311	0.20	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	881	0.59	0.3	
10	ISOPENTANE	236	23519	15.85	12.0	
11	N-PENTANE	268	11098	7.47	5.7	
12	CYCLOPENTANE	298	1547	1.04	0.7	
13	HEXANES	536	31764	21.41	16.3	

READY

METHANE - 2.00 PPM

SAMPLE DATE 10/26/73

SAMPLE ID A3,GC-202, 1604 HRS.

SAMPLE NAME SMOG#3,BAG 14

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	12631	8.74	6.4	
2	ETHYLENE	45	9463	6.55	4.8	
3	ACETYLENE	51	14396	9.97	7.3	
4	PROPANE	66	14860	10.29	7.5	
5	PROPYLENE	79	1459	1.01	0.7	
6	ISOBUTANE	109	7260	5.02	3.6	
7	N-BUTANE	125	17439	12.07	8.9	
8	1-BUTENE	167	381	0.26	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	1061	0.73	0.4	
10	ISOPENTANE	236	22014	15.24	11.2	
11	N-PENTANE	268	10642	7.36	5.4	
12	CYCLOPENTANE	298	1850	1.27	0.9	
13	HEXANES	536	30925	21.41	15.8	

READY

METHANE - 2.06 PPM

*

SAMPLE DATE 10/26/73

SAMPLE ID A3,GC-202, 1611 HRS.

SAMPLE NAME SMOG#3,BAG 15, 2300'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	9560	8.30	4.8
2	ETHYLENE	45	9907	8.61	5.0
3	ACETYLENE	51	13116	11.40	6.7
4	PROPANE	66	10827	9.41	5.5
5	PROPYLENE	79	1557	1.35	0.7
6	ISOBUTANE	109	5002	4.34	2.5
7	N-BUTANE	125	13433	11.67	6.8
8	1-BUTENE	167	286	0.24	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	485	0.42	0.2
10	ISOPENTANE	236	18740	16.29	9.6
11	N-PENTANE	268	8101	7.04	4.1
12	CYCLOPENTANE	298	1085	0.94	0.5
13	HEXANES	536	22927	19.93	11.7

READY

METHANE - 2.10 PPM

*

SAMPLE DATE 10/27/73

SAMPLE ID A3,GC-202, 1003 HRS.

SAMPLE NAME SMOG#2,BAG 1, 980'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8843	10.27	2.5	
2	ETHYLENE	45	9586	11.14	2.7	
3	ACETYLENE	51	6813	7.91	1.9	
4	PROPANE	66	6049	7.02	1.7	
5	PROPYLENE	79	2172	2.52	0.6	
6	ISOBUTANE	109	3349	3.89	0.9	
7	N-BUTANE	125	9769	11.35	2.7	
8	1-BUTENE	167	321	0.37	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	969	1.12	0.2	
10	ISOPENTANE	236	15025	.7.46	4.2	
11	N-PENTANE	268	6858	7.96	1.9	
12	CYCLOPENTANE	298	1992	2.31	0.5	
13	HEXANES	536	14289	16.60	4.0	

READY

METHANE - 1.88 PPM

*

SAMPLE DATE 10/27/73

SAMPLE ID A3,GC-202, 1010 HRS.

SAMPLE NAME SMOG#2,BAG 2, 780'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4931	8.38	1.3	
2	ETHYLENE	45	3211	5.46	0.9	
3	ACETYLENE	51	2786	4.73	0.7	
4	PROPANE	66	4880	8.30	1.3	
5	PROPYLENE	79	961	1.63	0.2	
6	ISOBUTANE	109	2252	3.82	0.6	
7	N-BUTANE	125	6626	11.27	1.8	
8	1-BUTENE	167	134	0.22	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	629	1.06	0.1	
10	ISOPENTANE	236	10968	18.66	3.1	
11	N-PENTANE	268	5874	9.99	1.6	
12	CYCLOPENTANE	298	1747	2.97	0.4	
13	HEXANES	536	13767	23.42	3.9	

READY

METHANE - 1.74 PPM

SAMPLE DATE 10/27/73 — GC CHANNEL . 1

SAMPLE ID A3,GC-202, 1017 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 3, 580' — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14736	10.88	4.1	
2	ETHYLENE	45	11922	8.80	3.3	
3	ACETYLENE	51	11194	8.27	3.1	
4	PROPANE	66	10369	7.65	2.9	
5	PROPYLENE	79	3174	2.34	0.8	
6	ISOBUTANE	109	4343	3.20	1.2	
7	N-BUTANE	125	13851	10.23	3.9	
8	1-BUTENE	167	959	0.70	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	1516	1.11	0.4	
10	ISOPENTANE	236	22267	16.45	6.3	
11	N-PENTANE	268	10823	7.99	3.0	
12	CYCLOPENTANE	298	2593	1.91	0.7	
13	HEXANES	536	27576	20.37	7.8	

READY

METHANE - 1.92 PPM

*

SAMPLE DATE 10/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1144 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4, 900' PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5523	7.00	1.5	
2	ETHYLENE	45	4996	6.33	1.4	
3	ACETYLENE	51	3857	4.89	1.0	
4	PROPANE	66	3954	5.01	1.1	
5	PROPYLENE	79	1222	1.55	0.3	
6	ISOBUTANE	109	3259	4.13	0.9	
7	N-BUTANE	125	10614	13.46	3.0	
8	1-BUTENE	167	342	0.43	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	941	1.19	0.2	
10	ISOPENTANE	236	15566	19.75	4.4	
11	N-PENTANE	268	6894	8.74	1.9	
12	HEXANES	536	21627	27.44	6.1	

READY

METHANE - 1.76 PPM

SAMPLE DATE 10/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1235 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 5, 500' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	14131	10.85	4.0
2	ETHYLENE	45	12788	9.82	3.6
3	ACETYLENE	51	11033	8.47	3.1
4	PROPANE	66	8126	6.24	2.3
5	PROPYLENE	79	3123	2.39	0.8
6	ISOBUTANE	109	4091	3.14	1.1
7	N-BUTANE	125	13784	10.58	3.9
8	1-BUTENE	167	382	0.29	0.1
9	ISOBUTYLENE + T-2-BUTENE	196	983	0.75	0.2
10	ISOPENTANE	236	20177	15.49	5.7
11	N-PENTANE	268	8357	6.41	2.3
12	CYCLOPENTANE	298	1456	1.11	0.4
13	HEXANES	536	31727	24.37	9.0

READY

METHANE - 1.81 PPM

*

SAMPLE DATE 10/27/73

SAMPLE ID A3,GC-660, 1243 HRS.

SAMPLE NAME SMOG#2,BAG 6, 1000'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6775	10.41	3.5	
2	ETHYLENE	45	5268	8.09	2.8	
3	ACETYLENE	51	6138	9.43	3.2	
4	PROPANE	66	5440	8.35	2.8	
5	PROPYLENE	79	2126	3.26	1.0	
6	ISOBUTANE	109	3199	4.91	1.6	
7	N-BUTANE	125	8325	12.79	4.4	
8	1-BUTENE	167	436	0.66	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	998	1.53	0.4	
10	ISOPENTANE	236	10691	16.43	5.7	
11	N-PENTANE	268	4842	7.44	2.5	
12	CYCLOPENTANE	298	467	0.71	0.2	
13	HEXANES	536	10354	15.91	5.4	

READY

METHANE - 1.74 PPM

SAMPLE DATE 10/27/73

SAMPLE ID A3,GC-660, 1246 HRS.

SAMPLE NAME SMOG#2,BAG 7, 1500'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	3898	11.31	2.0
2	ETHYLENE	45	2805	8.14	1.4
3	ACETYLENE	51	3477	10.09	1.7
4	PROPANE	66	2750	7.98	1.4
5	PROPYLENE	79	1450	4.20	0.7
6	ISOBUTANE	109	1288	3.73	0.6
7	N-BUTANE	125	4286	12.44	2.2
8	1-BUTENE	167	130	0.37	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	374	1.08	0.1
10	ISOPENTANE	236	5599	16.25	2.9
11	N-PENTANE	268	2903	8.42	1.4
12	CYCLOPENTANE	298	422	1.22	0.1
13	HEXANES	536	5053	14.67	2.6

READY

METHANE - 1.60 PPM

*

SAMPLE DATE 10/27/73

SAMPLE ID A3,GC-660, 1251 HRS.

SAMPLE NAME SMOG#2,BAG 8, 2000'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3873	15.41	2.0	
2	ETHYLENE	45	1499	5.96	0.7	
3	ACETYLENE	51	2516	10.00	1.3	
4	PROPANE	66	2013	8.00	1.0	
5	PROPYLENE	79	1150	4.57	0.5	
6	ISOBUTANE	109	862	3.43	0.3	
7	N-BUTANE	125	2660	10.58	1.4	
8	1-BUTENE	167	130	0.51	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	245	0.97	0.0	
10	ISOPENTANE	236	3283	13.06	1.7	
11	N-PENTANE	268	1602	6.37	0.7	
12	CYCLOPENTANE	298	97	0.38	0.0	
13	HEXANES	536	5199	20.68	2.7	

READY

METHANE - 1.63 PPM

*

SAMPLE DATE 10/27/73

SAMPLE ID A3,GC-660, 1044 HRS.

SAMPLE NAME SMOG#3,BAG 1, 900'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6432	11.69	3.4	
2	ETHYLENE	45	5248	9.53	2.7	
3	ACETYLENE	51	6120	11.12	3.2	
4	PROPANE	66	4426	8.04	2.3	
5	PROPYLENE	79	1309	2.37	0.6	
6	PROPADIENE	93	139	0.25	0.0	
7	ISOBUTANE	109	1881	3.41	0.9	
8	N-BUTANE	125	5825	10.58	3.0	
9	1-BUTENE	167	153	0.27	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	668	1.21	0.3	
11	ISOPENTANE	236	8877	16.13	4.6	
12	N-PENTANE	268	3711	6.74	1.9	
13	CYCLOPENTANE	298	429	0.77	0.1	
14	HEXANES	536	9797	17.80	5.2	

READY

METHANE - 1.76 PPM

*

SAMPLE DATE	10/27/73	GC CHANNEL	1
SAMPLE ID	A3,GC-660, 1048 HRS.	REF. PEAK TIME	125
SAMPLE NAME	SMOG#3,BAG 2, 700'	PK NO BIG AREA	13
		PK NO REF PEAK	8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4866	12.88	2.5	
2	ETHYLENE	45	3128	8.28	1.6	
3	ACETYLENE	51	4034	10.68	2.1	
4	PROPANE	66	3636	9.62	1.8	
5	PROPYLENE	79	1100	2.91	0.5	
6	PROPADIENE	93	48	0.12	0.0	
7	ISOBUTANE	109	1484	3.92	0.7	
8	N-BUTANE	125	4521	11.97	2.3	
9	1-BUTENE	167	56	0.14	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	256	0.67	0.0	
11	ISOPENTANE	236	6035	15.98	3.2	
12	N-PENTANE	268	2369	6.27	1.2	
13	HEXANES	536	6226	16.48	3.2	

READY

METHANE - 1.63 PPM

*

SAMPLE DATE 10/27/73

SAMPLE ID A3,GC-660, 1056 HRS.

SAMPLE NAME SMOG#3,BAG 3, 500'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	7264	8.16	3.8
2	ETHYLENE	45	6875	7.73	3.6
3	ACETYLENE	51	7790	8.75	4.1
4	PROPANE	66	5970	6.71	3.1
5	PROPYLENE	79	2087	2.34	1.0
6	PROPADIENE	93	66	0.07	0.0
7	ISOBUTANE	109	3206	3.60	1.6
8	N-BUTANE	125	10938	12.29	5.7
9	1-BUTENE	167	354	0.39	0.1
10	ISOBUTYLENE + T-2-BUTENE	196	1001	1.12	0.4
11	ISOPENTANE	236	16170	18.18	8.5
12	N-PENTANE	268	7216	8.11	3.8
13	CYCLOPENTANE	298	900	1.01	0.4
14	HEXANES	536	19094	21.46	10.1

READY

METHANE - 1.81 PPM

*

SAMPLE DATE 10/27/73

SAMPLE ID A3,GC-660, 1106 HRS.

SAMPLE NAME SMOG#3,BAG 4, 300'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7243	8.14	3.8	
2	ETHYLENE	45	4737	5.32	2.5	
3	ACETYLENE	51	6300	7.08	3.3	
4	PROPANE	66	8139	9.14	4.2	
5	PROPYLENE	79	2665	2.99	1.4	
6	PROPADIENE	93	409	0.45	0.1	
7	ISOBUTANE	109	4986	5.60	2.6	
8	N-BUTANE	125	13535	15.21	7.1	
9	1-BUTENE	167	171	0.19	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	596	0.66	0.3	
11	ISOPENTANE	236	15727	17.68	8.3	
12	N-PENTANE	268	7029	7.90	3.7	
13	CYCLOPENTANE	298	596	0.66	0.3	
14	HEXANES	536	16797	18.88	8.9	

READY

METHANE - 1.72 PPM

*

SAMPLE DATE 10/28/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1225 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 1 PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8286	8.43	2.3	
2	ETHYLENE	45	7371	7.50	2.0	
3	ACETYLENE	51	5331	5.42	1.5	
4	PROPANE	66	4957	5.04	1.4	
5	PROPYLENE	79	817	0.83	0.2	
6	ISOBUTANE	109	5022	5.11	1.4	
7	N-BUTANE	125	16300	16.58	4.6	
8	1-BUTENE	167	510	0.51	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	999	1.01	0.2	
10	ISOPENTANE	236	20475	20.84	5.8	
11	N-PENTANE	268	9900	10.07	2.8	
12	CYCLOPENTANE	298	1048	1.06	0.2	
13	HEXANES	536	17225	17.53	4.8	

READY

METHANE - 1.66 PPM

*

SAMPLE DATE 10/28/73

SAMPLE ID A3,GC-202, 1243 HRS.

SAMPLE NAME SMOG#2,BAG 2, 1700'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10923	7.31	3.1	
2	ETHYLENE	45	11270	7.55	3.2	
3	ACETYLENE	51	7029	4.70	1.9	
4	PROPANE	66	9143	6.12	2.5	
5	PROPYLENE	79	1042	0.69	0.2	
6	ISOBUTANE	109	6188	4.14	1.7	
7	N-BUTANE	125	19452	13.03	5.5	
8	1-BUTENE	167	653	0.43	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	1624	1.08	0.4	
10	ISOPENTANE	236	28168	18.87	8.0	
11	N-PENTANE	268	13419	8.99	3.8	
12	CYCLOPENTANE	298	2044	1.36	0.5	
13	1-PENTENE	345	370	0.24	0.1	
14	HEXANES	536	37880	25.38	10.7	

READY

METHANE - 1.77 PPM

*

SAMPLE DATE 10/28/73

SAMPLE ID A3,GC-202, 1250 HRS.

SAMPLE NAME SMOG#2,BAG 3, 1400'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8691	8.17	2.4	
2	ETHYLENE	45	8649	8.13	2.4	
3	ACETYLENE	51	5417	5.09	1.5	
4	PROPANE	66	5274	4.95	1.4	
5	PROPYLENE	79	778	0.72	0.2	
6	ISOBUTANE	109	3688	3.46	1.0	
7	N-BUTANE	125	13780	12.96	3.9	
8	1-BUTENE	167	316	0.29	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	1179	1.10	0.3	
10	ISOPENTANE	236	20663	19.43	5.8	
11	N-PENTANE	268	9715	9.13	2.7	
12	CYCLOPENTANE	298	2572	2.41	0.7	
13	HEXANES	536	25578	24.06	7.2	

READY

METHANE - 1.73 PPM

*

SAMPLE DATE 10/28/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1257 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4, 1000' — PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	18379	5.65	5.2	
2	ETHYLENE	45	27515	8.45	7.8	
3	ACETYLENE	51	18815	5.78	5.3	
4	PROPANE	66	21390	6.57	6.0	
5	PROPYLENE	79	6256	1.92	1.7	
6	ISOBUTANE	109	11882	3.65	3.3	
7	N-BUTANE	125	37362	11.48	10.6	
8	1-BUTENE	167	2210	0.67	0.6	
9	ISOBUTYLENE + T-2-BUTENE	196	3714	1.14	1.0	
10	ISOPENTANE	236	60780	18.69	17.2	
11	N-PENTANE	268	29116	8.95	8.2	
12	CYCLOPENTANE	298	4773	1.46	1.3	
13	1-PENTENE	345	758	0.23	0.2	
14	HEXANES	536	82201	25.28	23.3	

READY

METHANE - 1.95 PPM

SAMPLE DATE 10/28/73

SAMPLE ID A3,GC-202, 1305 HRS.

SAMPLE NAME SMOG#2,BAG 5, 700'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6142	7.66	1.7	
2	ETHYLENE	45	4905	6.11	1.3	
3	ACETYLENE	51	4175	5.20	1.1	
4	PROPANE	66	3602	4.49	1.0	
5	PROPYLENE	79	1111	1.38	0.3	
6	ISOBUTANE	109	2611	3.25	0.7	
7	N-BUTANE	125	10441	13.02	2.9	
8	1-BUTENE	167	261	0.32	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	565	0.70	0.1	
10	ISOPENTANE	236	16429	20.49	4.6	
11	N-PENTANE	268	7193	8.97	2.0	
12	CYCLOPENTANE	298	3106	3.87	0.8	
13	HEXANES	536	19603	24.45	5.5	

READY

METHANE - 1.65 PPM

*

SAMPLE DATE 10/28/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 1526 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 6, 1000' | PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6787	9.53	1.9	
2	ETHYLENE	45	4024	5.65	1.1	
3	ACETYLENE	51	3568	5.01	1.0	
4	PROPANE	66	6091	8.55	1.7	
5	PROPYLENE	79	133	0.18	0.0	
6	ISOBUTANE	109	3923	5.51	1.1	
7	N-BUTANE	125	9528	13.38	2.7	
8	ISOBUTYLENE + T-2-BUTENE	196	381	0.53	0.1	
9	ISOPENTANE	236	13325	18.72	3.7	
10	N-PENTANE	268	6815	9.57	1.9	
11	HEXANES	536	16593	23.31	4.7	

READY

METHANE - 1.71 PPM

SAMPLE DATE 10/28/73

SAMPLE ID A3,GC-202, 1529 HRS.

SAMPLE NAME SMOG#2,BAG 7, 1500'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	12729	9.87	3.6	
2	ETHYLENE	45	6291	4.87	1.7	
3	ACETYLENE	51	6890	5.34	1.9	
4	PROPANE	66	13173	10.22	3.7	
5	PROPYLENE	79	1241	0.96	0.3	
6	PROPADIENE	93	117	0.08	0.0	
7	ISOBUTANE	109	6697	5.19	1.8	
8	N-BUTANE	125	19067	14.79	5.4	
9	1-BUTENE	167	434	0.33	0.1	
10	ISOBUTYLENE + T-2-BUTENE	196	817	0.63	0.2	
11	ISOPENTANE	236	21569	16.73	6.1	
12	N-PENTANE	268	11217	8.70	3.1	
13	CYCLOPENTANE	298	2852	2.21	0.8	
14	1-PENTENE	345	300	0.23	0.0	
15	HEXANES	536	25491	19.77	7.2	

READY

METHANE - 1.73 PPM

AMPLE DATE 10/28/73
AMPLE ID A3,GC-202, 1534 HRS.
AMPLE NAME SMOG#2,BAG 8, 2000'

GC CHANNEL 1
REF. PEAK TIME 125
PK NO BIG AREA 10
PK NO REF PEAK 7

NO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5781	11.15	1.6	
2	ETHYLENE	45	3780	7.29	1.0	
3	ACETYLENE	51	3344	6.44	0.9	
4	PROPANE	66	4796	9.24	1.3	
5	PROPYLENE	79	547	1.05	0.1	
6	ISOBUTANE	109	2435	4.69	0.6	
7	N-BUTANE	125	7725	14.90	2.1	
8	1-BUTENE	167	216	0.41	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	422	0.81	0.1	
10	ISOPENTANE	236	9788	18.88	2.7	
11	N-PENTANE	268	4496	8.67	1.2	
12	CYCLOPENTANE	298	280	0.53	0.0	
13	HEXANES	536	8229	15.87	2.3	

EADY

METHANE - 1.60 PPM

SAMPLE DATE 10/28/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1536 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 9, 2500' PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7847	8.58	2.2	
2	ETHYLENE	45	5374	5.87	1.5	
3	ACETYLENE	51	6155	6.73	1.7	
4	PROPANE	66	6197	6.77	1.7	
5	PROPYLENE	79	1493	1.63	0.4	
6	ISOBUTANE	109	3010	3.29	0.8	
7	N-BUTANE	125	10395	11.37	2.9	
8	1-BUTENE	167	456	0.49	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	1184	1.29	0.3	
10	ISOPENTANE	236	15860	17.35	4.5	
11	N-PENTANE	268	8078	8.83	2.2	
12	HEXANES	536	25343	27.72	7.1	

READY

METHANE - 1.66 PPM

*

SAMPLE DATE 10/28/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1540 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 10, 3000' PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	11930	6.81	3.3	
2	ETHYLENE	45	11500	6.56	3.2	
3	ACETYLENE	51	10146	5.79	2.8	
4	PROPANE	66	10159	5.80	2.8	
5	PROPYLENE	79	1861	1.06	0.5	
6	ISOBUTANE	109	5173	2.95	1.4	
7	N-BUTANE	125	19189	10.95	5.4	
8	1-BUTENE	167	1144	0.65	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	2088	1.19	0.5	
10	ISOPENTANE	236	35187	20.09	9.9	
11	N-PENTANE	268	15954	9.11	4.5	
12	CYCLOPENTANE	298	5513	3.14	1.5	
13	1-PENTENE	345	475	0.26	0.1	
14	HEXANES	536	44739	25.55	12.7	

READY

METHANE - 1.64 PPM

*

SAMPLE DATE 10/28/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1146 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 1, 150C' PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4979	8.02	2.6	
2	ETHYLENE	45	4636	7.47	2.4	
3	ACETYLENE	51	4727	7.62	2.5	
4	PROPANE	66	3167	5.10	1.6	
5	PROPYLENE	79	1553	2.50	0.7	
6	PROPADIENE	93	84	0.13	0.0	
7	ISOBUTANE	109	2248	3.62	1.1	
8	N-BUTANE	125	8805	14.19	4.6	
9	1-BUTENE	167	485	0.78	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	723	1.16	0.3	
11	ISOPENTANE	236	11961	19.28	6.3	
12	N-PENTANE	268	5746	9.26	3.0	
13	CYCLOPENTANE	298	865	1.39	0.3	
14	HEXANES	536	12045	19.41	6.4	

READY

METHANE - 1.81 PPM

*

SAMPLE DATE 10/28/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1154 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 2, 1250' PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4503	8.92	2.3	
2	ETHYLENE	45	2973	5.88	1.5	
3	ACETYLENE	51	3904	7.73	2.0	
4	PROPANE	66	2791	5.52	1.4	
5	PROPYLENE	79	1532	3.03	0.7	
6	PROPADIENE	93	177	0.34	0.0	
7	ISOBUTANE	109	2085	4.12	1.0	
8	N-BUTANE	125	7748	15.35	4.1	
9	1-BUTENE	167	163	0.32	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	370	0.73	0.1	
11	ISOPENTANE	236	9958	19.72	5.3	
12	N-PENTANE	268	4486	8.88	2.3	
13	CYCLOPENTANE	298	271	0.53	0.0	
14	HEXANES	536	9504	18.83	5.0	

READY

METHANE - 1.70 PPM

*

SAMPLE DATE	10/28/73	GC CHANNEL	1
SAMPLE ID	A3,GC-660, 1202 HRS.	REF. PEAK TIME	125
SAMPLE NAME	SMOG#3,BAG 3, 850'	PK NO BIG AREA	9
		PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5378	9.60	2.8	
2	ETHYLENE	45	2720	4.85	1.4	
3	ACETYLENE	51	4359	7.78	2.2	
4	PROPANE	66	2966	5.29	1.5	
5	PROPYLENE	79	584	1.04	0.3	
6	ISOBUTANE	109	1995	3.56	1.0	
7	N-BUTANE	125	8938	15.96	4.7	
8	ISOBUTYLENE + T-2-BUTENE	196	1045	1.86	0.5	
9	ISOPENTANE	236	11345	20.26	6.0	
10	N-PENTANE	268	4976	8.88	2.6	
11	CYCLOPENTANE	298	352	0.62	0.1	
12	HEXANES	536	11337	20.24	6.0	

READY

METHANE - 1.69 PPM

*

SAMPLE DATE 10/28/73

SAMPLE ID A3,GC-660, 1209 HRS.

SAMPLE NAME SMOG#3,BAG 4, 350'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8531	8.23	4.5	
2	ETHYLENE	45	8380	8.08	4.4	
3	ACETYLENE	51	8410	8.11	4.4	
4	PROPANE	66	7602	7.33	4.0	
5	PROPYLENE	79	2564	2.47	1.3	
6	ISOBUTANE	109	4128	3.98	2.1	
7	N-BUTANE	125	12825	12.37	6.7	
8	1-BUTENE	167	428	0.41	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	1441	1.38	0.7	
10	ISOPENTANE	236	18878	18.22	10.0	
11	N-PENTANE	268	9002	8.68	4.7	
12	CYCLOPENTANE	298	778	0.75	0.3	
13	HEXANES	536	20630	19.91	11.0	

READY

METHANE - 1.91 PPM

SAMPLE DATE 10/28/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1217 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 5, 850' PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8307	9.55	4.3	
2	ETHYLENE	45	6620	7.61	3.5	
3	ACETYLENE	51	6928	7.97	3.6	
4	PROPANE	66	6717	7.73	3.5	
5	PROPYLENE	79	2670	3.07	1.4	
6	PROPADIENE	93	182	0.20	0.0	
7	ISOBUTANE	109	3357	3.86	1.7	
8	N-BUTANE	125	10588	12.18	5.6	
9	1-BUTENE	167	147	0.16	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	855	0.98	0.3	
11	ISOPENTANE	236	15066	17.34	8.0	
12	N-PENTANE	268	7817	8.99	4.1	
13	CYCLOPENTANE	298	912	1.04	0.4	
14	HEXANES	536	16718	19.24	8.9	

READY

METHANE - 1.89 PPM

*

SAMPLE DATE 10/28/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1410 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 6, 1700' PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7334	9.95	3.9	
2	ETHYLENE	45	7014	9.51	3.7	
3	ACETYLENE	51	6800	9.22	3.5	
4	PROPANE	66	6151	8.34	3.2	
5	PROPYLENE	79	1788	2.42	0.9	
6	PROPADIENE	93	143	0.19	0.0	
7	ISOBUTANE	109	3429	4.65	1.7	
8	N-BUTANE	125	10595	14.37	5.6	
9	1-BUTENE	167	439	0.59	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	1133	1.53	0.5	
11	ISOPENTANE	236	5058	6.86	2.6	
12	N-PENTANE	268	7528	10.21	3.9	
13	CYCLOPENTANE	298	937	1.26	0.4	
14	HEXANES	536	15331	20.80	8.2	

READY

METHANE - 1.82 PPM

*

SAMPLE DATE 10/28/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1426 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 7 PK NO BIG AREA 10

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3818	8.90	2.0	
2	ETHYLENE	45	2016	4.70	1.0	
3	ACETYLENE	51	3362	7.84	1.7	
4	PROPANE	66	2640	6.16	1.4	
5	PROPYLENE	79	1502	3.50	0.7	
6	PROPADIENE	93	405	0.94	0.1	
7	ISOBUTANE	109	2576	6.01	1.3	
8	N-BUTANE	125	6497	15.16	3.4	
9	ISOBUTYLENE + T-2-BUTENE	196	63	0.14	0.0	
10	ISOPENTANE	236	8938	20.85	4.7	
11	N-PENTANE	268	3821	8.91	2.0	
12	CYCLOPENTANE	298	206	0.47	0.0	
13	HEXANES	536	7002	16.34	3.6	

READY

METHANE - 1.62 PPM

*

SAMPLE DATE 10/28/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1433 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 8 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3960	9.64	2.1	
2	ETHYLENE	45	1776	4.32	0.9	
3	ACETYLENE	51	3529	8.59	1.8	
4	PROPANE	66	2710	6.59	1.4	
5	PROPYLENE	79	1190	2.89	0.6	
6	ISOBUTANE	109	1575	3.83	0.7	
7	N-BUTANE	125	5635	13.71	2.9	
8	1-BUTENE	167	161	0.39	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	59	0.14	0.0	
10	ISOPENTANE	236	7437	18.10	3.9	
11	N-PENTANE	268	3232	7.86	1.7	
12	CYCLOPENTANE	298	143	0.34	0.0	
13	HEXANES	536	9663	23.52	5.1	

READY

METHANE - 1.63 PPM

SAMPLE DATE 10/28/73

SAMPLE ID A3,GC-660, 1443 HRS.

SAMPLE NAME SMOG#3,BAG 9

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	4599	6.56	2.4	
2	ETHYLENE	45	5006	7.14	2.6	
3	ACETYLENE	51	5358	7.64	2.8	
4	PROPANE	66	4288	6.11	2.2	
5	PROPYLENE	79	1453	2.07	0.7	
6	PROPADIENE	93	44	0.06	0.0	
7	ISOBUTANE	109	3118	4.44	1.6	
8	N-BUTANE	125	10295	14.68	5.4	
9	1-BUTENE	167	180	0.25	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	589	0.83	0.3	
11	ISOPENTANE	236	13967	19.92	7.4	
12	N-PENTANE	268	6286	8.96	3.3	
13	CYCLOPENTANE	298	543	0.77	0.2	
14	HEXANES	536	14354	20.48	7.6	

READY

METHANE - 1.72 PPM

*

SAMPLE DATE 10/28/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1452 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 10, 1700' PK NO BIG AREA 12

PK NO REF PEAK 7

INO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3363	7.69	1.7	
2	ETHYLENE	45	2950	6.75	1.5	
3	ACETYLENE	51	3593	8.22	1.8	
4	PROPANE	66	2136	4.88	1.0	
5	PROPYLENE	79	701	1.60	0.3	
6	ISOBUTANE	109	1764	4.03	0.9	
7	N-BUTANE	125	6124	14.01	3.2	
8	ISOBUTYLENE + T-2-BUTENE	196	344	0.78	0.1	
9	ISOPENTANE	236	9248	21.16	4.9	
10	N-PENTANE	268	3944	9.02	2.1	
11	CYCLOPENTANE	298	67	0.15	0.0	
12	HEXANES	536	9460	21.64	5.0	

READY

METHANE - 1.63 PPM

SAMPLE DATE 10/29/73

SAMPLE ID A3,GC-202, 0843 HRS.

SAMPLE NAME SMOG#2,BAG 1, 1075'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	5704	10.45	1.6	
2	ETHYLENE	45	2024	3.71	0.5	
3	ACETYLENE	51	1926	3.53	0.5	
4	PROPANE	66	7521	13.78	2.1	
5	PROPYLENE	79	521	0.95	0.1	
6	ISOBUTANE	109	3671	6.72	1.0	
7	N-BUTANE	125	8356	15.31	2.3	
8	1-BUTENE	167	225	0.41	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	441	0.80	0.1	
10	ISOPENTANE	236	9293	17.03	2.6	
11	N-PENTANE	268	4795	8.78	1.3	
12	CYCLOPENTANE	298	266	0.48	0.0	
13	HEXANES	536	9796	17.95	2.7	

READY

METHANE - 1.60 PPM

AMPLE DATE 10/29/73 GC CHANNEL 1

AMPLE ID A3,GC-202, 0852 HRS. REF. PEAK TIME 125

MPLE NAME SMOG#2,BAG 2, 775' PK NO BIG AREA 12

PK NO REF PEAK 7

NO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	8745	12.68	2.4	
2	ETHYLENE	45	3159	4.58	0.8	
3	ACETYLENE	51	2416	3.50	0.6	
4	PROPANE	66	7837	11.36	2.2	
5	PROPYLENE	79	282	0.40	0.0	
6	ISOBUTANE	109	4437	6.43	1.2	
7	N-BUTANE	125	10036	14.55	2.8	
8	ISOBUTYLENE + T-2-BUTENE	196	348	0.50	0.0	
9	ISOPENTANE	236	10962	15.89	3.1	
10	N-PENTANE	268	6720	9.74	1.9	
11	CYCLOPENTANE	298	1672	2.42	0.4	
12	HEXANES	536	12335	17.88	3.5	

EADY

METHANE - 1.46 PPM

SAMPLE DATE 10/29/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0858 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 3, 475' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PMHC VOL.%
1	ETHANE	40	25625	10.22	7.2
2	ETHYLENE	45	16524	6.58	4.6
3	ACETYLENE	51	18310	7.30	5.1
4	PROPANE	66	27735	11.06	7.8
5	PROPYLENE	79	4802	1.91	1.3
6	ISOBUTANE	109	13104	5.22	3.7
7	N-BUTANE	125	32627	13.01	9.2
8	1-BUTENE	167	1118	0.44	0.3
9	ISOBUTYLENE + T-2-BUTENE	196	2062	0.82	0.5
10	ISOPENTANE	236	36186	14.43	10.2
11	N-PENTANE	268	19493	7.77	5.5
12	CYCLOPENTANE	298	3900	1.55	1.1
13	HEXANES	536	49210	19.62	13.9

READY

METHANE - 1.87 PPM

*

SAMPLE DATE 10/29/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 0905 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4, 275' — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	28179	8.15	8.0	
2	ETHYLENE	45	24585	7.11	6.9	
3	ACETYLENE	51	25005	7.23	7.1	
4	PROPANE	66	35102	10.16	9.9	
5	PROPYLENE	79	7838	2.26	2.2	
6	ISOBUTANE	109	23060	6.67	6.5	
7	N-BUTANE	125	39803	11.52	11.2	
8	1-BUTENE	167	1662	0.47	0.4	
9	ISOBUTYLENE + T-2-BUTENE	196	3415	0.98	0.9	
10	ISOPENTANE	236	52220	15.12	14.8	
11	N-PENTANE	268	24443	7.07	6.9	
12	CYCLOPENTANE	298	5657	1.63	1.6	
13	HEXANES	536	74367	21.53	21.1	

READY

METHANE - 1.97 PPM

*

SAMPLE DATE 10/29/73

SAMPLE ID A3,GC-202, 0913 HRS.

SAMPLE NAME SMOG#2,BAG 5, 575'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	23386	7.73	6.6	
2	ETHYLENE	45	18886	6.24	5.3	
3	ACETYLENE	51	16376	5.41	4.6	
4	PROPANE	66	27537	9.10	7.8	
5	PROPYLENE	79	3389	1.11	0.9	
6	ISOBUTANE	109	16660	5.50	4.7	
7	N-BUTANE	125	39605	13.09	11.2	
8	1-BUTENE	167	1458	0.48	0.4	
9	ISOBUTYLENE + T-2-BUTENE	196	2888	0.95	0.8	
10	ISOPENTANE	236	47963	15.86	13.6	
11	N-PENTANE	268	24089	7.96	6.8	
12	CYCLOPENTANE	298	3270	1.08	0.9	
13	1-PENTENE	345	241	0.07	0.0	
14	HEXANES	536	76562	25.32	21.7	

READY

METHANE - 2.00 PPM

*

SAMPLE DATE 10/29/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1103 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 6, 750' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	20484	9.36	5.8	
2	ETHYLENE	45	10735	4.90	3.0	
3	ACETYLENE	51	13586	6.21	3.8	
4	PROPANE	66	27037	12.35	7.6	
5	PROPYLENE	79	2337	1.06	0.6	
6	ISOBUTANE	109	12115	5.53	3.4	
7	N-BUTANE	125	25637	11.71	7.2	
8	1-BUTENE	167	750	0.34	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	1189	0.54	0.3	
10	ISOPENTANE	236	33312	15.22	9.4	
11	N-PENTANE	268	16857	7.70	4.7	
12	CYCLOPENTANE	298	2922	1.33	0.8	
13	HEXANES	536	51778	23.66	14.7	

READY

METHANE - 1.80 PPM

*

SAMPLE DATE 10/29/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1111 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 7, 1150' — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	20002	9.85	5.6	
2	ETHYLENE	45	11506	5.66	3.2	
3	ACETYLENE	51	12676	6.24	3.5	
4	PROPANE	66	23154	11.40	6.5	
5	PROPYLENE	79	2289	1.12	0.6	
6	ISOBUTANE	109	10949	5.39	3.1	
7	N-BUTANE	125	24360	11.99	6.9	
8	1-BUTENE	167	509	0.25	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	1250	0.61	0.3	
10	ISOPENTANE	236	32055	15.78	9.1	
11	N-PENTANE	268	15480	7.62	4.3	
12	CYCLOPENTANE	298	2760	1.35	0.7	
13	HEXANES	536	45997	22.65	13.0	

READY

METHANE - 1.80 PPM

*

SAMPLE DATE 10/29/73

SAMPLE ID A3,GC-202, 1134 HRS.

SAMPLE NAME SMOG#2,BAG 10, 650'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 12

PK NO REF PEAK 7

NO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	19657	10.01	5.5	
2	ETHYLENE	45	11184	5.70	3.1	
3	ACETYLENE	51	12026	6.13	3.4	
4	PROPANE	66	22169	11.30	6.2	
5	PROPYLENE	79	1776	0.90	0.5	
6	ISOBUTANE	109	11776	6.00	3.3	
7	N-BUTANE	125	24335	12.40	6.9	
8	1-BUTENE	167	1019	0.51	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	951	0.48	0.2	
10	ISOPENTANE	236	30224	15.40	8.5	
11	N-PENTANE	268	14663	7.47	4.1	
12	HEXANES	536	46366	23.63	13.1	

READY

METHANE - 1.76 PPM

SAMPLE DATE 10/29/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1337 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 12, 1500' PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14105	9.66	6.7	
2	ETHYLENE	45	9253	6.33	4.3	
3	ACETYLENE	51	10734	7.35	5.0	
4	PROPANE	66	15589	10.68	7.4	
5	PROPYLENE	79	1743	1.19	0.7	
6	PROPADIENE	93	166	0.11	0.0	
7	ISOBUTANE	109	7131	4.88	3.3	
8	N-BUTANE	125	21178	14.51	10.1	
9	1-BUTENE	167	564	0.38	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	600	0.40	0.2	
11	ISOPENTANE	236	24536	16.81	11.7	
12	N-PENTANE	268	11715	8.02	5.5	
13	CYCLOPENTANE	298	1057	0.72	0.4	
14	HEXANES	536	27556	18.88	13.2	

READY

METHANE - 1.89 PPM

*

SAMPLE DATE 10/29/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1341 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 13 PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	15535	8.74	4.4	
2	ETHYLENE	45	15015	8.45	4.2	
3	ACETYLENE	51	14036	7.90	3.9	
4	PROPANE	66	13741	7.73	3.8	
5	PROPYLENE	79	3414	1.91	0.9	
6	ISOBUTANE	109	6857	3.86	1.9	
7	N-BUTANE	125	19583	11.02	5.5	
8	1-BUTENE	167	1153	0.64	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1804	1.01	0.5	
10	ISOPENTANE	236	29454	16.58	8.3	
11	N-PENTANE	268	13723	7.72	3.8	
12	CYCLOPENTANE	298	1973	1.10	0.5	
13	1-PENTENE	345	667	0.37	0.1	
14	HEXANES	536	40663	22.89	11.5	

READY

METHANE - 1.85 PPM

*

SAMPLE DATE 10/29/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1347 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 14, 3500' PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6228	8.00	1.7	
2	ETHYLENE	45	4930	6.33	1.3	
3	ACETYLENE	51	5207	6.69	1.4	
4	PROPANE	66	4438	5.70	1.2	
5	PROPYLENE	79	200	0.25	0.0	
6	ISOBUTANE	109	1461	1.87	0.4	
7	N-BUTANE	125	6774	8.70	1.9	
8	ISOPENTANE	236	12980	16.68	3.6	
9	N-PENTANE	268	7489	9.62	2.1	
10	HEXANES	536	28065	36.08	7.9	

READY

METHANE - 1.61 PPM

*

SAMPLE DATE 10/29/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1352 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 15, 4500' PK NO BIG AREA 9

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	1811	12.37	0.8	
2	ETHYLENE	45	1054	7.19	0.4	
3	ACETYLENE	51	1532	10.46	0.7	
4	PROPANE	66	1328	9.07	0.6	
5	PROPYLENE	79	450	3.07	0.1	
6	ISOBUTANE	109	627	4.28	0.3	
7	N-BUTANE	125	1912	13.06	0.9	
8	ISOBUTYLENE + T-2-BUTENE	196	116	0.79	0.0	
9	ISOPENTANE	236	2512	17.16	1.2	
10	N-PENTANE	268	1185	8.09	0.5	
11	HEXANES	536	2108	14.40	1.0	

READY

METHANE - 1.51 PPM

*

SAMPLE DATE 10/29/73
SAMPLE ID A3,GC-660, 0606 HRS.
SAMPLE NAME SMOG#3,BAG 1, 800'

GC CHANNEL 1
REF. PEAK TIME 125
PK NO BIG AREA 15
PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	18032	9.52	10.1
2	ETHYLENE	45	16874	8.91	9.4
3	ACETYLENE	51	16460	8.69	9.2
4	PROPANE	66	18459	9.75	10.3
5	PROPYLENE	79	5179	2.73	2.8
6	PROPADIENE	93	455	0.23	0.2
7	ISOBUTANE	109	7803	4.12	4.3
8	N-BUTANE	125	20819	10.99	11.7
9	1-BUTENE	167	979	0.51	0.5
10	ISOBUTYLENE + T-2-BUTENE	196	2706	1.42	1.4
11	ISOPENTANE	236	29510	15.59	16.5
12	N-PENTANE	268	12838	6.78	7.1
13	CYCLOPENTANE	298	1404	0.74	0.7
14	1-PENTENE	345	483	0.25	0.2
15	HEXANES	536	37236	19.67	20.9

READY

METHANE - 1.81 PPM

*

AMPLE DATE 10/29/73

AMPLE ID A3,GC-660, 0617 HRS.

AMPLE NAME SMOG#3,BAG 2, 2000'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 4

PK NO REF PEAK 8

NO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	10023	12.87	5.6
2	ETHYLENE	45	3762	4.83	2.1
3	ACETYLENE	51	4759	6.10	2.6
4	PROPANE	66	11395	14.63	6.4
5	PROPYLENE	79	1622	2.08	0.8
6	PROPADIENE	93	244	0.31	0.0
7	ISOBUTANE	109	5251	6.74	2.8
8	N-BUTANE	125	11324	14.54	6.3
9	1-BUTENE	167	497	0.63	0.2
10	ISOBUTYLENE + T-2-BUTENE	196	698	0.89	0.3
11	ISOPENTANE	236	11106	14.26	6.2
12	N-PENTANE	268	5768	7.40	3.2
13	CYCLOPENTANE	298	436	0.55	0.2
14	HEXANES	536	10977	14.09	6.1

READY

METHANE - 1.78 PPM

*

SAMPLE DATE 10/29/73

SAMPLE ID A3,GC-660, 0646 HRS.

SAMPLE NAME SMOG#3,BAG 3, 400'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4210	11.71	2.3	
2	ETHYLENE	45	2108	5.86	1.1	
3	ACETYLENE	51	2502	6.96	1.4	
4	PROPANE	66	4076	11.34	2.2	
5	PROPYLENE	79	443	1.23	0.2	
6	ISOBUTANE	109	1659	4.61	0.8	
7	N-BUTANE	125	4486	12.48	2.5	
8	1-BUTENE	167	511	1.42	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	1122	3.12	0.6	
10	ISOPENTANE	236	6150	17.11	3.4	
11	N-PENTANE	268	2881	8.01	1.5	
12	CYCLOPENTANE	298	117	0.32	0.0	
13	HEXANES	536	5658	15.75	3.1	

READY

METHANE - 1.63 PPM

*

SAMPLE DATE 10/29/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 0959 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 4, 550' — PK NO BIG AREA 13

PK NO REF PEAK 7

NO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13932	9.67	7.8	
2	ETHYLENE	45	8040	5.58	4.4	
3	ACETYLENE	51	10254	7.11	5.7	
4	PROPANE	66	20462	14.20	11.4	
5	PROPYLENE	79	3364	2.33	1.8	
6	ISOBUTANE	109	8058	5.59	4.5	
7	N-BUTANE	125	17222	11.95	9.6	
8	1-BUTENE	167	340	0.23	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	1293	0.89	0.7	
10	ISOPENTANE	236	22331	15.50	12.5	
11	N-PENTANE	268	12327	8.55	6.8	
12	CYCLOPENTANE	298	1090	0.75	0.5	
13	HEXANES	536	25311	17.57	14.2	

READY

METHANE - 1.99 PPM

*

SAMPLE DATE	10/29/73	GC CHANNEL	1
SAMPLE ID	A3,GC-660, 1007 HRS.	REF. PEAK TIME	125
SAMPLE NAME	SMOG#3,BAG 5, 740'	PK NO BIG AREA	13
		PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	15403	9.14	8.6	
2	ETHYLENE	45	8858	5.25	4.9	
3	ACETYLENE	51	11815	7.00	6.6	
4	PROPANE	66	20017	11.87	11.2	
5	PROPYLENE	79	4003	2.37	2.1	
6	ISOBUTANE	109	9963	5.91	5.5	
7	N-BUTANE	125	18862	11.19	10.6	
8	1-BUTENE	167	572	0.33	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1315	0.77	0.7	
10	ISOPENTANE	236	23334	13.84	13.1	
11	N-PENTANE	268	12834	7.61	7.1	
12	CYCLOPENTANE	298	1996	1.18	1.0	
13	HEXANES	536	39515	23.45	22.1	

READY

METHANE - 2.00 PPM

*

SAMPLE DATE 10/29/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1014 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 6, 900' — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	15850	8.77	8.9	
2	ETHYLENE	45	12267	6.79	6.8	
3	ACETYLENE	51	13295	7.36	7.4	
4	PROPANE	66	19819	10.97	11.C	
5	PROPYLENE	79	4770	2.63	2.6	
6	ISOBUTANE	109	9247	5.12	5.1	
7	N-BUTANE	125	20042	11.09	11.2	
8	1-BUTENE	167	600	0.32	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1901	1.05	1.0	
10	ISOPENTANE	236	27759	15.37	15.6	
11	N-PENTANE	268	13957	7.73	7.8	
12	CYCLOPENTANE	298	2219	1.22	1.2	
13	HEXANES	536	38827	21.50	21.8	

READY

METHANE - 1.97 PPM

*

SAMPLE DATE 10/29/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1023 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 7, 1150' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14600	9.52	6.9	
2	ETHYLENE	45	6663	4.34	3.1	
3	ACETYLENE	51	9889	6.45	4.6	
4	PROPANE	66	18449	12.03	8.8	
5	PROPYLENE	79	5439	3.54	2.5	
6	ISOBUTANE	109	10381	6.77	4.9	
7	N-BUTANE	125	18330	11.95	8.7	
8	1-BUTENE	167	4960	3.23	2.3	
9	ISOBUTYLENE + T-2-BUTENE	196	4799	3.12	2.2	
10	ISOPENTANE	236	21397	13.95	10.2	
11	N-PENTANE	268	10462	6.82	5.0	
12	CYCLOPENTANE	298	1045	0.68	0.4	
13	HEXANES	536	26864	17.52	12.8	

READY

METHANE - 1.76 PPM

*

SAMPLE DATE 10/29/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1031 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 8, 950' — PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	15824	9.76	7.5	
2	ETHYLENE	45	9734	6.00	4.6	
3	ACETYLENE	51	11571	7.14	5.5	
4	PROPANE	66	20960	12.93	10.0	
5	PROPYLENE	79	3797	2.34	1.7	
6	PROPADIENE	93	529	0.32	0.2	
7	ISOBUTANE	109	9668	5.96	4.6	
8	N-BUTANE	125	20068	12.38	9.6	
9	1-BUTENE	167	1982	1.22	0.9	
10	ISOBUTYLENE + T-2-BUTENE	196	1685	1.03	0.7	
11	ISOPENTANE	236	23358	14.41	11.1	
12	N-PENTANE	268	11324	6.98	5.3	
13	CYCLOPENTANE	298	1012	0.62	0.4	
14	1-PENTENE	345	665	0.40	0.3	
15	HEXANES	536	29845	18.41	14.2	

READY

METHANE - 1.95 PPM

*

SAMPLE DATE 10/29/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0830 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, DOWNEY PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	30052	7.80	15.0	
2	ETHYLENE	45	21966	5.70	10.9	
3	ACETYLENE	51	24900	6.46	12.4	
4	PROPANE	66	33456	8.68	16.7	
5	PROPYLENE	79	9394	2.43	4.6	
6	ISOBUTANE	109	17095	4.43	8.5	
7	N-BUTANE	125	46758	12.14	23.3	
8	1-BUTENE	167	2904	0.75	1.4	
9	ISOBUTYLENE + T-2-BUTENE	196	5185	1.34	2.5	
10	ISOPENTANE	236	74971	19.47	37.5	
11	N-PENTANE	268	35773	9.28	17.8	
12	CYCLOPENTANE	298	312	0.07	0.0	
13	1-PENTENE	345	1250	0.32	0.6	
14	HEXANES	536	81013	21.03	40.4	

READY

METHANE - 2.55 PPM

*

SAMPLE DATE 10/29/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0930 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, COMMERCE PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	19611	7.39	9.7	
2	ETHYLENE	45	17410	6.56	8.6	
3	ACETYLENE	51	19665	7.41	9.7	
4	PROPANE	66	23455	8.84	11.7	
5	PROPYLENE	79	6961	2.62	3.4	
6	PROPADIENE	93	499	0.18	0.2	
7	ISOBUTANE	109	10565	3.98	5.2	
8	N-BUTANE	125	34105	12.86	17.0	
9	1-BUTENE	167	1293	0.48	0.6	
10	ISOBUTYLENE + T-2-BUTENE	196	3343	1.26	1.6	
11	ISOPENTANE	236	50900	19.19	25.4	
12	N-PENTANE	268	19477	7.34	9.6	
13	CYCLOPENTANE	298	2416	0.90	1.1	
14	HEXANES	536	55452	20.91	27.7	

READY

METHANE - 2.04 PPM

SAMPLE DATE 10/29/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1030 HRS. REF. PEAK TIME 125

SAMPLE NAME ARBVAN,MONTEREY PARK PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13366	7.18	6.7	
2	ETHYLENE	45	10736	5.76	5.4	
3	ACETYLENE	51	12757	6.85	6.4	
4	PROPANE	66	17266	9.28	8.8	
5	PROPYLENE	79	4460	2.39	2.2	
6	PROPADIENE	93	311	0.16	0.1	
7	ISOBUTANE	109	8227	4.42	4.2	
8	N-BUTANE	125	22881	12.29	11.7	
9	1-BUTENE	167	1125	0.60	0.5	
10	ISOBUTYLENE + T-2-BUTENE	196	2101	1.12	1.0	
11	ISOPENTANE	236	32824	17.64	16.7	
12	N-PENTANE	268	15229	8.18	7.7	
13	CYCLOPENTANE	298	1989	1.06	1.0	
14	1-PENTENE	345	1539	0.82	0.7	
15	HEXANES	536	41232	22.16	21.0	

READY

METHANE - 1.90 PPM

*

SAMPLE DATE 10/29/73

SAMPLE ID A3,GC-660, 1130 HRS.

SAMPLE NAME ARB VAN, ROSEMEAD

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

NO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	18214	8.36	9.0
2	ETHYLENE	45	15480	7.10	7.7
3	ACETYLENE	51	16430	7.54	8.2
4	PROPANE	66	19419	8.91	9.6
5	PROPYLENE	79	5387	2.47	2.6
6	PROPADIENE	93	503	0.22	0.2
7	ISOBUTANE	109	9786	4.49	4.8
8	N-BUTANE	125	27833	12.78	13.9
9	1-BUTENE	167	1226	0.56	0.5
10	ISOBUTYLENE + T-2-BUTENE	196	2845	1.30	1.4
11	ISOPENTANE	236	38983	17.90	19.4
12	N-PENTANE	268	16891	7.75	8.4
13	CYCLOPENTANE	298	1898	0.86	0.9
14	1-PENTENE	345	518	0.23	0.2
15	HEXANES	536	42346	19.44	21.1

READY

METHANE - 1.86 PPM

*

SAMPLE DATE 10/29/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1230 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, ARCADIA PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	17342	6.83	8.8	
2	ETHYLENE	45	18257	7.19	9.2	
3	ACETYLENE	51	18968	7.47	9.6	
4	PROPANE	66	18644	7.34	9.5	
5	PROPYLENE	79	7005	2.75	3.5	
6	PROPADIENE	93	758	0.29	0.3	
7	ISOBUTANE	109	10679	4.20	5.4	
8	N-BUTANE	125	31525	12.42	16.0	
9	1-BUTENE	167	1645	0.64	0.7	
10	ISOBUTYLENE + T-2-BUTENE	196	4230	1.66	2.1	
11	ISOPENTANE	236	46996	18.52	24.0	
12	N-PENTANE	268	20600	8.11	10.5	
13	CYCLOPENTANE	298	1927	0.75	0.9	
14	1-PENTENE	345	803	0.31	0.3	
15	HEXANES	536	54343	21.41	27.8	

READY

METHANE - 1.90 PPM

*

SAMPLE DATE 10/30/73

SAMPLE ID A3,GC-202, 0739 HRS.

SAMPLE NAME SMOG#2,BAG 1, 450'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	30831	8.19	8.8	
2	ETHYLENE	45	39768	10.57	11.3	
3	ACETYLENE	51	41773	11.10	11.9	
4	PROPANE	66	25463	6.76	7.2	
5	PROPYLENE	79	14841	3.94	4.2	
6	PROPADIENE	93	593	0.15	0.1	
7	ISOBUTANE	109	9079	2.41	2.5	
8	N-BUTANE	125	28621	7.60	8.1	
9	1-BUTENE	167	3129	0.83	0.8	
10	ISOBUTYLENE + T-2-BUTENE	196	7070	1.87	2.0	
11	ISOPENTANE	236	55066	14.63	15.7	
12	N-PENTANE	268	25346	6.73	7.2	
13	CYCLOPENTANE	298	5244	1.39	1.5	
14	HEXANES	536	89290	23.73	25.5	

READY

METHANE - 2.10 PPM

*

SAMPLE DATE 10/30/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0746 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 2, 400' PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	25036	7.82	7.1	
2	ETHYLENE	45	24862	7.76	7.1	
3	ACETYLENE	51	24456	7.64	6.9	
4	PROPANE	66	18167	5.67	5.1	
5	PROPYLENE	79	7472	2.33	2.1	
6	PROPADIENE	93	152	0.04	0.0	
7	ISOBUTANE	109	7984	2.49	2.2	
8	N-BUTANE	125	28329	8.85	8.1	
9	1-BUTENE	167	2440	0.75	0.6	
10	ISOBUTYLENE + T-2-BUTENE	196	3862	1.20	1.1	
11	ISOPENTANE	236	51304	16.03	14.6	
12	N-PENTANE	268	24528	7.66	7.0	
13	CYCLOPENTANE	298	4228	1.31	1.2	
14	1-PENTENE	345	447	0.13	0.1	
15	HEXANES	536	96700	30.22	27.6	

READY

METHANE - 1.80 PPM

*

SAMPLE DATE 10/30/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0832 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 3, 400' PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	31654	6.75	9.0	
2	ETHYLENE	45	43680	9.32	12.5	
3	ACETYLENE	51	36346	7.75	10.3	
4	PROPANE	66	31659	6.75	9.0	
5	PROPYLENE	79	14739	3.14	4.2	
6	PROPADIENE	93	372	0.07	0.1	
7	ISOBUTANE	109	10776	2.29	3.0	
8	N-BUTANE	125	40239	8.58	11.5	
9	1-BUTENE	167	3638	0.77	1.0	
10	ISOBUTYLENE + T-2-BUTENE	196	8285	1.76	2.3	
11	ISOPENTANE	236	78882	16.83	22.5	
12	N-PENTANE	268	37140	7.92	10.6	
13	CYCLOPENTANE	298	6401	1.36	1.8	
14	HEXANES	536	124613	26.60	35.6	

READY

METHANE - 1.98 PPM

*

SAMPLE DATE 10/30/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0843 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4, 1000' PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4225	10.00	1.2	
2	ETHYLENE	45	3984	9.43	1.1	
3	ACETYLENE	51	2221	5.26	0.6	
4	PROPANE	66	3054	7.23	0.8	
5	PROPYLENE	79	495	1.17	0.1	
6	ISOBUTANE	109	1032	2.44	0.2	
7	N-BUTANE	125	3591	8.50	1.0	
8	ISOBUTYLENE + T-2-BUTENE	196	584	1.38	0.1	
9	ISOPENTANE	236	5957	14.11	1.7	
10	N-PENTANE	268	2249	5.32	0.6	
11	HEXANES	536	14808	35.08	4.2	

READY

METHANE - 1.37 PPM

*

SAMPLE DATE 10/30/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 0952 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 5, 1100' — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8602	9.19	2.4	
2	ETHYLENE	45	5628	6.01	1.6	
3	ACETYLENE	51	3638	3.88	1.0	
4	PROPANE	66	9374	10.01	2.6	
5	PROPYLENE	79	1754	1.87	0.5	
6	ISOBUTANE	109	3533	3.77	1.0	
7	N-BUTANE	125	9650	10.31	2.7	
8	1-BUTENE	167	137	0.14	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	326	0.34	0.0	
10	ISOPENTANE	236	13000	13.89	3.7	
11	N-PENTANE	268	6468	6.91	1.8	
12	CYCLOPENTANE	298	477	0.50	0.1	
13	HEXANES	536	30972	33.10	8.8	

READY

METHANE - 1.48 PPM

*

SAMPLE DATE 10/30/73

SAMPLE ID A3,GC-202, 1000 HRS.

SAMPLE NAME SMOG#2,BAG 6, 900'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13940	8.74	3.9	
2	ETHYLENE	45	8497	5.32	2.4	
3	ACETYLENE	51	8822	5.53	2.5	
4	PROPANE	66	12771	8.01	3.6	
5	PROPYLENE	79	4817	3.02	1.3	
6	ISOBUTANE	109	4560	2.85	1.3	
7	N-BUTANE	125	16276	10.20	4.6	
8	1-BUTENE	167	807	0.50	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	1584	0.99	0.4	
10	ISOPENTANE	236	23183	14.54	6.6	
11	N-PENTANE	268	11530	7.23	3.2	
12	CYCLOPENTANE	298	2058	1.29	0.5	
13	HEXANES	536	50563	31.71	14.4	

READY

METHANE - 1.57 PPM

*

SAMPLE DATE 10/30/73

SAMPLE ID A3,GC-660, 1055 HRS.

SAMPLE NAME SMOG#2,BAG 7, 500'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	8850	8.17	4.3
2	ETHYLENE	45	10079	9.30	5.0
3	ACETYLENE	51	9246	8.53	4.6
4	PROPANE	66	8002	7.38	3.9
5	PROPYLENE	79	3127	2.88	1.5
6	PROPADIENE	93	280	0.25	0.0
7	ISOBUTANE	109	3429	3.16	1.6
8	N-BUTANE	125	14181	13.09	7.0
9	1-BUTENE	167	471	0.43	0.2
10	ISOBUTYLENE + T-2-BUTENE	196	1307	1.20	0.6
11	ISOPENTANE	236	19026	17.57	9.4
12	N-PENTANE	268	7893	7.28	3.9
13	CYCLOPENTANE	298	665	0.61	0.3
14	HEXANES	536	21714	20.05	10.8

READY

METHANE - 1.69 PPM

*

SAMPLE DATE 10/30/73

SAMPLE ID A3,GC-202, 1104 HRS.

SAMPLE NAME SMOG#2,BAG 8, 340'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	14926	10.11	4.2	
2	ETHYLENE	45	12775	8.66	3.6	
3	ACETYLENE	51	10735	7.27	3.0	
4	PROPANE	66	15268	10.35	4.3	
5	PROPYLENE	79	2609	1.76	0.7	
6	ISOBUTANE	109	7634	5.17	2.1	
7	N-BUTANE	125	16945	11.48	4.8	
8	1-BUTENE	167	338	0.22	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	1192	0.80	0.3	
10	ISOPENTANE	236	23336	15.82	6.6	
11	N-PENTANE	268	9890	6.70	2.8	
12	CYCLOPENTANE	298	1388	0.93	0.3	
13	1-PENTENE	345	138	0.09	0.0	
14	HEXANES	536	30294	20.54	8.6	

READY

METHANE - 1.56 PPM

*

SAMPLE DATE 10/30/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1120 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 9, 500' — PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10894	10.67	5.3	
2	ETHYLENE	45	6857	6.71	3.3	
3	ACETYLENE	51	7751	7.59	3.8	
4	PROPANE	66	10202	10.00	5.0	
5	PROPYLENE	79	2608	2.55	1.2	
6	PROPADIENE	93	287	0.28	0.0	
7	ISOBUTANE	109	5231	5.12	2.5	
8	N-BUTANE	125	13338	13.07	6.6	
9	1-BUTENE	167	350	0.34	0.1	
10	ISOBUTYLENE + T-2-BUTENE	196	758	0.74	0.3	
11	ISOPENTANE	236	16605	16.27	8.2	
12	N-PENTANE	268	7435	7.28	3.6	
13	CYCLOPENTANE	298	883	0.86	0.3	
14	HEXANES	536	18814	18.44	9.3	

READY

METHANE - 1.76 PPM

*

SAMPLE DATE 10/30/73

SAMPLE ID A3,GC-202, 1150 HRS.

SAMPLE NAME SMOG#2,BAG 10, 280'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	18032	6.83	5.1	
2	ETHYLENE	45	7563	2.86	2.1	
3	ACETYLENE	51	8830	3.34	2.5	
4	PROPANE	66	26547	10.06	7.5	
5	PROPYLENE	79	3960	1.50	1.1	
6	ISOBUTANE	109	17056	6.46	4.8	
7	N-BUTANE	125	44269	16.78	12.6	
8	1-BUTENE	167	727	0.27	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	1081	0.40	0.3	
10	ISOPENTANE	236	41912	15.89	11.9	
11	N-PENTANE	268	23834	9.03	6.8	
12	CYCLOPENTANE	298	3259	1.23	0.9	
13	HEXANES	536	66620	25.26	19.0	

READY

METHANE - 1.64 PPM

*

SAMPLE DATE 10/30/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1434 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 11, 3300' — PK NO BIG AREA 12

PK NO REF PEAK 7

NO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3316	10.76	1.6	
2	ETHYLENE	45	3136	10.18	1.5	
3	ACETYLENE	51	2826	9.17	1.4	
4	PROPANE	66	2613	8.48	1.2	
5	PROPYLENE	79	959	3.11	0.4	
6	ISOBUTANE	109	1140	3.70	0.5	
7	N-BUTANE	125	3675	11.93	1.7	
8	ISOBUTYLENE + T-2-BUTENE	196	199	0.64	0.0	
9	ISOPENTANE	236	5074	16.47	2.5	
10	N-PENTANE	268	1989	6.45	0.9	
11	CYCLOPENTANE	298	225	0.72	0.0	
12	HEXANES	536	5642	18.31	2.8	

READY

METHANE - 1.55 PPM

*

SAMPLE DATE 10/30/73

SAMPLE ID A3,GC-202, 1500 HRS.

SAMPLE NAME SMOG#2,BAG 12, 2200'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11002	9.51	3.1	
2	ETHYLENE	45	5320	4.59	1.5	
3	ACETYLENE	51	5713	4.93	1.6	
4	PROPANE	66	9264	8.01	2.6	
5	PROPYLENE	79	1053	0.90	0.2	
6	ISOBUTANE	109	6668	5.76	1.9	
7	N-BUTANE	125	16762	14.49	4.7	
8	ISOBUTYLENE + T-2-BUTENE	196	434	0.37	0.1	
9	ISOPENTANE	236	20604	17.81	5.8	
10	N-PENTANE	268	8994	7.77	2.5	
11	HEXANES	536	29826	25.79	8.5	

READY

METHANE - 1.57 PPM

*

SAMPLE DATE 10/30/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1503 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 13, 2700' PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6970	8.47	3.4	
2	ETHYLENE	45	6212	7.55	3.0	
3	ACETYLENE	51	7232	8.79	3.5	
4	PROPANE	66	6067	7.37	2.9	
5	PROPYLENE	79	1040	1.26	0.4	
6	ISOBUTANE	109	3558	4.32	1.7	
7	N-BUTANE	125	11025	13.40	5.4	
8	1-BUTENE	167	73	0.08	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	279	0.33	0.0	
10	ISOPENTANE	236	16124	19.60	8.0	
11	N-PENTANE	268	7006	8.51	3.4	
12	CYCLOPENTANE	298	654	0.79	0.3	
13	HEXANES	536	16001	19.45	7.9	

READY

METHANE - 1.71 PPM

*

SAMPLE DATE 10/30/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 1 — PK NO BIG AREA 4

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3013	14.49	1.4	
2	ETHYLENE	45	1318	6.33	0.6	
3	ACETYLENE	51	1519	7.30	0.7	
4	PROPANE	66	3094	14.88	1.4	
5	PROPYLENE	79	981	4.71	0.4	
6	ISOBUTANE	109	1000	4.80	0.4	
7	N-BUTANE	125	2657	12.78	1.3	
8	ISOBUTYLENE + T-2-BUTENE	196	191	0.91	0.0	
9	ISOPENTANE	236	3025	14.55	1.4	
10	N-PENTANE	268	1619	7.78	0.7	
11	CYCLOPENTANE	298	157	0.75	0.0	
12	HEXANES	536	2213	10.64	1.0	

READY

METHANE - 1.44 PPM

SAMPLE DATE 10/30/73

SAMPLE ID A3,GC-660, ???? HRS.

SAMPLE NAME SMOG#3,BAG 2

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 7

NO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3612	12.95	1.7	
2	ETHYLENE	45	2268	8.13	1.0	
3	ACETYLENE	51	2308	8.27	1.0	
4	PROPANE	66	3067	10.99	1.4	
5	PROPYLENE	79	1076	3.85	0.4	
6	ISOBUTANE	109	1068	3.82	0.4	
7	N-BUTANE	125	3116	11.17	1.4	
8	ISOBUTYLENE + T-2-BUTENE	196	225	0.80	0.0	
9	ISOPENTANE	236	3826	13.71	1.8	
10	N-PENTANE	268	1413	5.06	0.7	
11	HEXANES	536	5907	21.18	2.8	

READY

METHANE - 1.57 PPM

*

SAMPLE DATE 10/30/73
SAMPLE ID A3,GC-660, ???? HRS.
SAMPLE NAME SMOG#3,BAG 3

GC CHANNEL 1
REF. PEAK TIME 125
PK NO BIG AREA 14
PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5859	10.45	2.8	
2	ETHYLENE	45	4626	8.25	2.2	
3	ACETYLENE	51	4463	7.96	2.1	
4	PROPANE	66	5120	9.13	2.5	
5	PROPYLENE	79	1862	3.32	0.8	
6	PROPADIENE	93	154	0.27	0.0	
7	ISOBUTANE	109	2287	4.08	1.0	
8	N-BUTANE	125	6140	10.95	3.0	
9	1-BUTENE	167	256	0.45	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	725	1.29	0.3	
11	ISOPENTANE	236	7957	14.19	3.9	
12	N-PENTANE	268	3885	6.93	1.8	
13	CYCLOPENTANE	298	132	0.23	0.0	
14	HEXANES	536	12567	22.42	6.2	

READY

METHANE - 1.56 PPM

*

SAMPLE DATE 10/30/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, ???? HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 4 PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4917	12.22	2.4	
2	ETHYLENE	45	3037	7.55	1.4	
3	ACETYLENE	51	3249	8.08	1.5	
4	PROPANE	66	4840	12.03	2.4	
5	PROPYLENE	79	1747	4.34	0.8	
6	PROPADIENE	93	124	0.30	0.0	
7	ISOBUTANE	109	2080	5.17	1.0	
8	N-BUTANE	125	4861	12.09	2.4	
9	1-BUTENE	167	238	0.58	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	373	0.92	0.1	
11	ISOPENTANE	236	5440	13.53	2.6	
12	N-PENTANE	268	2588	6.43	1.2	
13	CYCLOPENTANE	298	153	0.37	0.0	
14	HEXANES	536	6555	16.30	3.2	

READY

METHANE - 1.78 PPM

SAMPLE DATE 10/30/73

SAMPLE ID A3,GC-660, ???? HRS.

SAMPLE NAME SMOG#3,BAG 5

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4917	12.18	2.4	
2	ETHYLENE	45	3037	7.52	1.4	
3	ACETYLENE	51	3249	8.04	1.5	
4	PROPANE	66	4849	12.01	2.4	
5	PROPYLENE	79	1747	4.32	0.8	
6	ISOBUTANE	109	2080	5.15	1.0	
7	N-BUTANE	125	4861	12.04	2.4	
8	1-BUTENE	167	238	0.58	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	373	0.92	0.1	
10	ISOPENTANE	236	5440	13.47	2.6	
11	N-PENTANE	268	2861	7.08	1.4	
12	CYCLOPENTANE	298	153	0.37	0.0	
13	HEXANES	536	6555	16.23	3.2	

READY

METHANE - 1.51 PPM

*

SAMPLE DATE 10/30/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0830 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, DOWNEY PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	36400	6.34	10.4	
2	ETHYLENE	45	41536	7.24	11.8	
3	ACETYLENE	51	46861	8.16	13.4	
4	PROPANE	66	40212	7.00	11.5	
5	PROPYLENE	79	13739	2.39	3.9	
6	ISOBUTANE	109	18883	3.29	5.3	
7	N-BUTANE	125	53968	9.41	15.4	
8	1-BUTENE	167	3621	0.62	1.0	
9	ISOBUTYLENE + T-2-BUTENE	196	6800	1.18	1.9	
10	ISOPENTANE	236	100337	17.49	28.7	
11	N-PENTANE	268	43436	7.57	12.4	
12	CYCLOPENTANE	298	1947	0.33	0.5	
13	1-PENTENE	345	1178	0.20	0.3	
14	HEXANES	536	164480	28.68	47.0	

READY

METHANE - 2.26 PPM

*

SAMPLE DATE 10/30/73

SAMPLE ID A3, GC-202, 0930 HRS.

SAMPLE NAME ARB VAN, DOWNEY

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	28049	6.75	8.0
2	ETHYLENE	45	24742	5.96	7.0
3	ACETYLENE	51	27890	6.71	7.9
4	PROPANE	66	35464	8.54	10.1
5	PROPYLENE	79	8130	1.95	2.3
6	PROPADIENE	93	457	0.10	0.1
7	ISOBUTANE	109	27107	6.53	7.7
8	N-BUTANE	125	39063	9.41	11.1
9	1-BUTENE	167	1754	0.42	0.5
10	ISOBUTYLENE + T-2-BUTENE	196	3585	0.86	1.0
11	ISOPENTANE	236	66486	16.02	19.0
12	N-PENTANE	268	28742	6.92	8.2
13	CYCLOPENTANE	298	5091	1.22	1.4
14	1-PENTENE	345	1836	0.44	0.5
15	HEXANES	536	116456	28.07	33.3

READY

METHANE - 2.07 PPM

*

SAMPLE DATE 10/30/73 | GC CHANNEL 1

SAMPLE ID A3,GC-660, 1030 HRS. | REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LONG BEACH | PK NO BIG AREA 13

PK NO REF PEAK 7

NO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	15539	5.38	7.7	
2	ETHYLENE	45	12149	4.21	6.0	
3	ACETYLENE	51	16675	5.78	8.2	
4	PROPANE	66	14772	5.12	7.3	
5	PROPYLENE	79	4693	1.62	2.3	
6	ISOBUTANE	109	10074	3.49	5.0	
7	N-BUTANE	125	38674	13.41	19.2	
8	ISOBUTYLENE + T-2-BUTENE	196	1373	0.47	0.6	
9	ISOPENTANE	236	69322	24.04	34.6	
10	N-PENTANE	268	29211	10.13	14.6	
11	CYCLOPENTANE	298	3113	1.07	1.4	
12	1-PENTENE	345	2125	0.73	1.0	
13	HEXANES	536	70544	24.46	35.2	

READY

METHANE - 2.01 PPM

*

SAMPLE DATE 10/30/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 1130 HRS. | REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LONG BEACH | PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	21236	5.99	6.2	
2	ETHYLENE	45	10698	3.01	3.1	
3	ACETYLENE	51	10815	3.05	3.2	
4	PROPANE	66	36736	10.36	10.8	
5	PROPYLENE	79	2590	0.72	0.7	
6	ISOBUTANE	109	16245	4.58	4.8	
7	N-BUTANE	125	50021	14.12	14.8	
8	1-BUTENE	167	1744	0.49	0.5	
9	ISOBUTYLENE + T-2-BUTENE	196	2705	0.76	0.7	
10	ISOPENTANE	236	71575	20.20	21.2	
11	N-PENTANE	268	36013	10.16	10.6	
12	CYCLOPENTANE	298	5931	1.67	1.7	
13	1-PENTENE	345	790	0.22	0.2	
14	HEXANES	536	87093	24.58	25.8	

READY

METHANE - 1.86 PPM

*

SAMPLE DATE 10/30/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1230 HRS. — REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LONG BEACH — PK NO BIG AREA 10

PK NO REF PEAK 7

NO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8935	6.78	4.4	
2	ETHYLENE	45	3534	2.68	1.7	
3	ACETYLENE	51	4873	3.69	2.4	
4	PROPANE	66	13672	10.38	6.7	
5	PROPYLENE	79	2450	1.85	1.1	
6	ISOBUTANE	109	6818	5.17	3.3	
7	N-BUTANE	125	21014	15.95	10.4	
8	1-BUTENE	167	204	0.15	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	665	0.50	0.3	
10	ISOPENTANE	236	28033	21.28	13.9	
11	N-PENTANE	268	13419	10.18	6.6	
12	CYCLOPENTANE	298	1140	0.86	0.5	
13	1-PENTENE	345	330	0.25	0.1	
14	HEXANES	536	26588	20.19	13.2	

READY

METHANE - 1.61 PPM

*

SAMPLE DATE 10/30/73

SAMPLE ID A3,GC-660, 1330 HRS.

SAMPLE NAME ARB VAN, LAKEWOOD

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8338	6.85	4.1	
2	ETHYLENE	45	6250	5.13	3.1	
3	ACETYLENE	51	7659	6.29	3.8	
4	PROPANE	66	9345	7.68	4.6	
5	PROPYLENE	79	3131	2.57	1.5	
6	PROPADIENE	93	271	0.22	0.0	
7	ISOBUTANE	109	5540	4.55	2.7	
8	N-BUTANE	125	17594	14.46	8.7	
9	1-BUTENE	167	542	0.44	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	1530	1.25	0.7	
11	ISOPENTANE	236	25001	20.55	12.5	
12	N-PENTANE	268	10511	8.63	5.2	
13	CYCLOPENTANE	298	1150	0.94	0.5	
14	1-PENTENE	345	171	0.14	0.0	
15	HEXANES	536	24596	20.22	12.2	

READY

METHANE - 1.61 PPM

SAMPLE DATE 10/31/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 0816 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 2, 450' — PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	21348	7.94	6.3	
2	ETHYLENE	45	23760	8.83	7.0	
3	ACETYLENE	51	21361	7.94	6.3	
4	PROPANE	66	21346	7.94	6.3	
5	PROPYLENE	79	5598	2.08	1.6	
6	ISOBUTANE	109	9027	3.35	2.6	
7	N-BUTANE	125	24959	9.28	7.3	
8	1-BUTENE	167	1824	0.67	0.5	
9	ISOBUTYLENE + T-2-BUTENE	196	3669	1.36	1.0	
10	ISOPENTANE	236	46225	17.19	13.6	
11	N-PENTANE	268	22015	8.18	6.5	
12	CYCLOPENTANE	298	2414	0.89	0.7	
13	1-PENTENE	345	732	0.27	0.2	
14	HEXANES	536	64533	24.00	19.1	

READY

METHANE - 1.79 PPM

*

SAMPLE DATE 10/31/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0820 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 3, 800' PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6485	5.49	1.9	
2	ETHYLENE	45	7700	6.52	2.2	
3	ACETYLENE	51	7130	6.04	2.1	
4	PROPANE	66	10066	8.53	2.9	
5	PROPYLENE	79	1037	0.87	0.3	
6	ISOBUTANE	109	3665	3.10	1.0	
7	N-BUTANE	125	12666	10.73	3.7	
8	ISOPENTANE	236	22653	19.20	6.7	
9	N-PENTANE	268	11250	9.53	3.3	
10	CYCLOPENTANE	298	1564	1.32	0.4	
11	1-PENTENE	345	359	0.30	0.1	
12	HEXANES	536	33355	28.28	9.8	

READY

METHANE - 1.50 PPM

*

SAMPLE DATE 10/31/73

SAMPLE ID A3,GC-202, 0835 HRS.

SAMPLE NAME SMOG#2,BAG 4, 400'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	19981	9.20	5.9	
2	ETHYLENE	45	17271	7.95	5.1	
3	ACETYLENE	51	15830	7.29	4.6	
4	PROPANE	66	19488	8.98	5.7	
5	PROPYLENE	79	4873	2.24	1.4	
6	PROPADIENE	93	190	0.08	0.0	
7	ISOBUTANE	109	8258	3.80	2.4	
8	N-BUTANE	125	23094	10.64	6.8	
9	1-BUTENE	167	1473	0.67	0.4	
10	ISOBUTYLENE + T-2-BUTENE	196	1908	0.87	0.5	
11	ISOPENTANE	236	34636	15.96	10.2	
12	N-PENTANE	268	16554	7.62	4.8	
13	CYCLOPENTANE	298	3082	1.41	0.9	
14	1-PENTENE	345	256	0.11	0.0	
15	HEXANES	536	50088	23.08	14.8	

READY

METHANE - 1.83 PPM

*

SAMPLE DATE 10/31/73

SAMPLE ID A3,GC-202, 0900 HRS.

SAMPLE NAME SMOG#2,BAG 5, 500'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	14719	7.04	4.3
2	ETHYLENE	45	17294	8.27	5.1
3	ACETYLENE	51	11854	5.67	3.5
4	PROPANE	66	11942	5.71	3.5
5	PROPYLENE	79	2882	1.37	0.8
6	ISOBUTANE	109	6831	3.26	2.0
7	N-BUTANE	125	22714	10.87	6.7
8	1-BUTENE	167	1424	0.68	0.4
9	ISOBUTYLENE + T-2-BUTENE	196	2292	1.09	0.6
10	ISOPENTANE	236	39611	18.96	11.7
11	N-PENTANE	268	17910	8.57	5.3
12	CYCLOPENTANE	298	2163	1.03	0.6
13	1-PENTENE	345	746	0.35	0.2
14	HEXANES	536	56466	27.03	16.7

READY

METHANE - 1.64 PPM

*

SAMPLE DATE 10/31/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0908 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 1 PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	12630	7.82	6.4
2	ETHYLENE	45	12525	7.75	6.4
3	ACETYLENE	51	11446	7.08	5.8
4	PROPANE	66	12908	7.99	6.5
5	PROPYLENE	79	4205	2.60	2.1
6	PROPADIENE	93	389	0.23	0.1
7	ISOBUTANE	109	6867	4.25	3.5
8	N-BUTANE	125	18989	11.76	9.6
9	1-BUTENE	167	873	0.54	0.3
10	ISOBUTYLENE + T-2-BUTENE	196	1968	1.21	0.9
11	ISOPENTANE	236	30253	18.73	15.4
12	N-PENTANE	268	13949	8.63	7.1
13	CYCLOPENTANE	298	1451	0.89	0.7
14	1-PENTENE	345	514	0.31	0.2
15	HEXANES	536	32479	20.11	16.6

READY

METHANE - 1.65 PPM

*

SAMPLE DATE 10/31/73

SAMPLE ID A3,GC-660, 0917 HRS.

SAMPLE NAME SMOG#3,BAG 2

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4785	9.71	2.4	
2	ETHYLENE	45	4796	9.73	2.4	
3	ACETYLENE	51	4395	8.92	2.1	
4	PROPANE	66	4052	8.22	2.0	
5	PROPYLENE	79	1723	3.49	0.8	
6	PROPADIENE	93	161	0.32	0.0	
7	ISOBUTANE	109	2166	4.39	1.0	
8	N-BUTANE	125	5492	11.15	2.8	
9	1-BUTENE	167	141	0.28	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	595	1.20	0.2	
11	ISOPENTANE	236	7876	15.99	3.9	
12	N-PENTANE	268	3125	6.34	1.5	
13	HEXANES	536	9929	20.16	5.0	

READY

METHANE - 1.51 PPM

*

SAMPLE DATE 10/31/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0925 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 3 PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14358	6.14	7.3	
2	ETHYLENE	45	18784	8.04	9.6	
3	ACETYLENE	51	22149	9.48	11.3	
4	PROPANE	66	10428	4.46	5.3	
5	PROPYLENE	79	6648	2.84	3.3	
6	ISOBUTANE	109	7287	3.12	3.6	
7	N-BUTANE	125	24916	10.67	12.7	
8	1-BUTENE	167	1572	0.67	0.7	
9	ISOBUTYLENE + T-2-BUTENE	196	3601	1.54	1.7	
10	ISOPENTANE	236	45137	19.33	23.1	
11	N-PENTANE	268	18803	8.05	9.6	
12	CYCLOPENTANE	298	1816	0.77	0.8	
13	HEXANES	536	57909	24.80	29.6	

READY

METHANE - 2.07 PPM

*

SAMPLE DATE 10/31/73

SAMPLE ID A3,GC-660, 0932 HRS.

SAMPLE NAME SMOG#3,BAG 4

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	18097	6.57	9.2
2	ETHYLENE	45	20757	7.54	10.6
3	ACETYLENE	51	23094	8.38	11.7
4	PROPANE	66	14711	5.34	7.5
5	PROPYLENE	79	6962	2.52	3.5
6	PROPADIENE	93	524	0.18	0.2
7	ISOBUTANE	109	8607	3.12	4.3
8	N-BUTANE	125	28919	10.50	14.7
9	1-BUTENE	167	1875	0.68	0.9
10	ISOBUTYLENE + T-2-BUTENE	196	3601	1.30	1.7
11	ISOPENTANE	236	49069	17.82	25.1
12	N-PENTANE	268	21165	7.68	10.7
13	CYCLOPENTANE	298	2040	0.73	1.0
14	HEXANES	536	75813	27.54	38.8

READY

METHANE - 2.03 PPM

SAMPLE DATE 10/31/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0949 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 5 PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13932	6.14	7.1	
2	ETHYLENE	45	18237	8.04	9.2	
3	ACETYLENE	51	21966	9.68	11.2	
4	PROPANE	66	10685	4.71	5.4	
5	PROPYLENE	79	6468	2.85	3.2	
6	PROPADIENE	93	444	0.19	0.1	
7	ISOBUTANE	109	6839	3.01	3.4	
8	N-BUTANE	125	25046	11.04	12.8	
9	1-BUTENE	167	1457	0.64	0.7	
10	ISOBUTYLENE + T-2-BUTENE	196	3261	1.43	1.6	
11	ISOPENTANE	236	44139	19.46	22.5	
12	N-PENTANE	268	17929	7.90	9.1	
13	CYCLOPENTANE	298	1370	0.60	0.6	
14	HEXANES	536	54979	24.24	28.1	

READY

METHANE - 1.96 PPM

*

SAMPLE DATE 10/31/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1231 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 6, 1000' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4220	7.83	2.1	
2	ETHYLENE	45	4328	8.03	2.1	
3	ACETYLENE	51	4926	9.14	2.5	
4	PROPANE	66	3378	6.26	1.7	
5	PROPYLENE	79	911	1.69	0.3	
6	ISOBUTANE	109	2048	3.79	1.0	
7	N-BUTANE	125	6721	12.47	3.4	
8	1-BUTENE	167	88	0.16	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	204	0.37	0.0	
10	ISOPENTANE	236	10459	19.41	5.3	
11	N-PENTANE	268	5009	9.29	2.5	
12	CYCLOPENTANE	298	833	1.54	0.3	
13	HEXANES	536	10746	19.94	5.4	

READY

METHANE - 1.55 PPM

*

SAMPLE DATE 10/31/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1237 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 7, 500' PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5053	8.09	2.5	
2	ETHYLENE	45	4905	7.85	2.5	
3	ACETYLENE	51	5535	8.86	2.8	
4	PROPANE	66	3970	6.35	2.0	
5	PROPYLENE	79	1051	1.68	0.4	
6	PROPADIENE	93	40	0.06	0.0	
7	ISOBUTANE	109	2410	3.86	1.1	
8	N-BUTANE	125	7411	11.87	3.7	
9	1-BUTENE	167	408	0.65	0.1	
10	ISOBUTYLENE + T-2-BUTENE	196	501	0.80	0.2	
11	ISOPENTANE	236	12075	19.34	6.1	
12	N-PENTANE	268	5423	8.68	2.7	
13	CYCLOPENTANE	298	153	0.24	0.0	
14	HEXANES	536	13468	21.58	6.8	

READY

METHANE - 1.64 PPM

*

SAMPLE DATE 10/31/73

SAMPLE ID A3,GC-660, 1244 HRS.

SAMPLE NAME SMOG#3,BAG 8, 2000'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4744	8.34	2.4	
2	ETHYLENE	45	4484	7.89	2.2	
3	ACETYLENE	51	5066	8.91	2.5	
4	PROPANE	66	3640	6.40	1.7	
5	PROPYLENE	79	1090	1.91	0.5	
6	ISOBUTANE	109	2252	3.96	1.0	
7	N-BUTANE	125	6948	12.23	3.5	
8	1-BUTENE	167	371	0.65	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	409	0.71	0.1	
10	ISOPENTANE	236	10899	19.18	5.5	
11	N-PENTANE	268	4800	8.45	2.4	
12	CYCLOPENTANE	298	121	0.21	0.0	
13	HEXANES	536	11976	21.08	6.0	

READY

METHANE - 1.57 PPM

*

SAMPLE DATE 10/31/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1251 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 9, 2500' PK NO BIG AREA 13

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	2616	8.56	1.3
2	ETHYLENE	45	2275	7.44	1.0
3	ACETYLENE	51	2444	7.99	1.2
4	PROPANE	66	1934	6.32	0.9
5	PROPYLENE	79	486	1.58	0.2
6	PROPADIENE	93	48	0.15	0.0
7	ISOBUTANE	109	1202	3.93	0.5
8	N-BUTANE	125	3672	12.01	1.8
9	1-BUTENE	167	127	0.41	0.0
10	ISOBUTYLENE + T-2-BUTENE	196	206	0.67	0.0
11	ISOPENTANE	236	5127	16.78	2.5
12	N-PENTANE	268	1943	6.35	0.9
13	HEXANES	536	8468	27.71	4.2

READY

METHANE - 1.54 PPM

*

SAMPLE DATE 10/31/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1256 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 10, 3000' — PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	2519	11.64	1.2	
2	ETHYLENE	45	2368	10.94	1.1	
3	ACETYLENE	51	2157	9.97	1.0	
4	PROPANE	66	1903	8.79	0.9	
5	PROPYLENE	79	470	2.17	0.2	
6	ISOBUTANE	109	743	3.43	0.3	
7	N-BUTANE	125	2213	10.22	1.0	
8	ISOBUTYLENE + T-2-BUTENE	196	239	1.10	0.0	
9	ISOPENTANE	236	3212	14.84	1.6	
10	N-PENTANE	268	1475	6.81	0.7	
11	HEXANES	536	4330	20.01	2.1	

READY

METHANE - 1.38 PPM

*

SAMPLE DATE 10/31/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0830 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	12848	2.85	6.5	
2	ETHYLENE	45	19988	4.44	10.2	
3	ACETYLENE	51	23028	5.11	11.7	
4	PROPANE	66	14741	3.27	7.5	
5	PROPYLENE	79	8442	1.87	4.2	
6	ISOBUTANE	109	13926	3.09	7.1	
7	N-BUTANE	125	75007	16.67	38.4	
8	1-BUTENE	167	3046	0.67	1.5	
9	ISOBUTYLENE + T-2-BUTENE	196	5288	1.17	2.6	
10	ISOPENTANE	236	109947	24.43	56.3	
11	N-PENTANE	268	52353	11.63	26.7	
12	CYCLOPENTANE	298	7417	1.64	3.7	
13	1-PENTENE	345	4748	1.05	2.4	
14	HEXANES	536	99114	22.02	50.7	

READY

METHANE - 1.98 PPM

*

SAMPLE DATE	10/31/73	GC CHANNEL	1
SAMPLE ID	A3,GC-660, 0930 HRS.	REF. PEAK TIME	125
SAMPLE NAME	ARB VAN, LOS ANGELES	PK NO BIG AREA	15
		PK NO REF PEAK	8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	23130	5.87	11.7	
2	ETHYLENE	45	23168	5.88	11.8	
3	ACETYLENE	51	26177	6.64	13.3	
4	PROPANE	66	19248	4.88	9.8	
5	PROPYLENE	79	9165	2.32	4.6	
6	PROPADIENE	93	687	0.17	0.3	
7	ISOBUTANE	109	12146	3.08	6.1	
8	N-BUTANE	125	45495	11.54	23.2	
9	1-BUTENE	167	2603	0.65	1.3	
10	ISOBUTYLENE + T-2-BUTENE	196	4953	1.25	2.5	
11	ISOPENTANE	236	85812	21.78	43.9	
12	N-PENTANE	268	36915	9.37	18.9	
13	CYCLOPENTANE	298	3146	0.79	1.5	
14	1-PENTENE	345	501	0.12	0.2	
15	HEXANES	536	100739	25.57	51.6	

READY

METHANE - 2.16 PPM

*

SAMPLE DATE 10/31/73

SAMPLE ID A3,GC-660, 1030 HRS.

SAMPLE NAME ARB VAN,PLAYA DELREY

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	45959	10.49	25.3
2	ETHYLENE	45	46222	10.55	25.5
3	ACETYLENE	51	23693	5.41	13.0
4	PROPANE	66	59412	13.57	32.8
5	PROPYLENE	79	11304	2.58	6.2
6	ISOBUTANE	109	25506	5.82	14.0
7	N-BUTANE	125	56321	12.86	31.1
8	1-BUTENE	167	2230	0.50	1.1
9	ISOBUTYLENE + T-2-BUTENE	196	3691	0.84	2.0
10	ISOPENTANE	236	59847	13.67	33.1
11	N-PENTANE	268	29310	6.69	16.1
12	CYCLOPENTANE	298	2852	0.65	1.5
13	HEXANES	536	71314	16.29	39.4

READY

METHANE - 2.65 PPM

*

SAMPLE DATE 10/31/73
SAMPLE ID A3,GC-660, 1130 HRS.
SAMPLE NAME ARB VAN, PLAYA DELREY

GC CHANNEL 1
REF. PEAK TIME 125
PK NO BIG AREA 14
PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	33243	11.02	18.3
2	ETHYLENE	45	18141	6.01	10.0
3	ACETYLENE	51	13036	4.32	7.1
4	PROPANE	66	41819	13.87	23.1
5	PROPYLENE	79	5496	1.82	2.9
6	PROPADIENE	93	259	0.08	0.0
7	ISOBUTANE	109	20036	6.64	11.0
8	N-BUTANE	125	43531	14.43	24.0
9	1-BUTENE	167	1071	0.35	0.5
10	ISOBUTYLENE + T-2-BUTENE	196	1453	0.47	0.7
11	ISOPENTANE	236	47263	15.67	26.1
12	N-PENTANE	268	23385	7.75	12.8
13	CYCLOPENTANE	298	2403	0.79	1.3
14	HEXANES	536	50334	16.69	27.8

READY

METHANE - 2.37 PPM

*

SAMPLE DATE 10/31/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1230 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, CULVER CITY PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	22929	8.07	12.6	
2	ETHYLENE	45	20337	7.16	11.2	
3	ACETYLENE	51	18633	6.56	10.3	
4	PROPANE	66	28421	10.00	15.7	
5	PROPYLENE	79	7499	2.63	4.1	
6	ISOBUTANE	109	13758	4.84	7.5	
7	N-BUTANE	125	39155	13.78	21.6	
8	1-BUTENE	167	1623	0.57	0.8	
9	ISOBUTYLENE + T-2-BUTENE	196	3419	1.20	1.8	
10	ISOPENTANE	236	46991	16.54	26.0	
11	N-PENTANE	268	21678	7.63	11.9	
12	CYCLOPENTANE	298	2221	0.78	1.1	
13	HEXANES	536	57259	20.16	31.6	

READY

METHANE - 2.01 PPM

*

SAMPLE DATE 10/31/73

SAMPLE ID A3,GC-660, 1330 HRS.

SAMPLE NAME ARB VAN, LOS ANGELES

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	25887	7.10	14.2
2	ETHYLENE	45	65698	18.02	36.3
3	ACETYLENE	51	22795	6.25	12.5
4	PROPANE	66	30628	8.40	16.9
5	PROPYLENE	79	8356	2.29	4.6
6	ISOBUTANE	109	16284	4.46	8.9
7	N-BUTANE	125	46773	12.82	25.8
8	1-BUTENE	167	829	0.22	0.3
9	ISOBUTYLENE + T-2-BUTENE	196	1132	0.30	0.6
10	ISOPENTANE	236	58196	15.96	32.1
11	N-PENTANE	268	25999	7.13	14.3
12	CYCLOPENTANE	298	1958	0.53	1.0
13	HEXANES	536	59982	16.45	33.2

READY

METHANE - 1.98 PPM

*

SAMPLE DATE 11/01/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 0759 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 1, 700' — PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	29456	9.22	9.4	
2	ETHYLENE	45	23088	7.23	7.4	
3	ACETYLENE	51	19941	6.24	6.3	
4	PROPANE	66	24839	7.78	7.9	
5	PROPYLENE	79	4846	1.51	1.5	
6	ISOBUTANE	109	12457	3.90	3.9	
7	N-BUTANE	125	37469	11.73	12.0	
8	1-BUTENE	167	2259	0.70	0.7	
9	ISOBUTYLENE + T-2-BUTENE	196	3232	1.01	1.0	
10	ISOPENTANE	236	54459	17.05	17.4	
11	N-PENTANE	268	24769	7.75	7.9	
12	CYCLOPENTANE	298	4575	1.43	1.4	
13	1-PENTENE	345	1054	0.32	0.3	
14	HEXANES	536	76742	24.04	24.6	

READY

METHANE - 2.12 PPM

SAMPLE DATE 11/01/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 0807 HRS. — REF. PEAK TIME 195

SAMPLE NAME SMOG#2,BAG 2, 400' — PK NO BIG AREA 14

PK NO REF PEAK 7

NO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	46772	9.10	15.0	
2	ETHYLENE	45	41529	8.08	13.3	
3	ACETYLENE	51	44696	8.70	14.3	
4	PROPANE	66	40029	7.79	12.8	
5	PROPYLENE	79	11221	2.18	3.6	
6	ISOBUTANE	109	18512	3.60	5.9	
7	N-BUTANE	125	57986	11.29	18.6	
8	1-BUTENE	167	3007	0.58	0.9	
9	ISOBUTYLENE + T-2-BUTENE	196	6093	1.18	1.9	
10	ISOPENTANE	236	85639	16.67	27.4	
11	N-PENTANE	268	36673	7.14	11.7	
12	CYCLOPENTANE	298	5277	1.02	1.6	
13	1-PENTENE	345	1001	0.19	0.3	
14	HEXANES	536	115012	22.39	36.9	

READY

METHANE - 2.46 PPM

*

SAMPLE DATE 11/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0814 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 3, 700' PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	48748	9.23	15.6
2	ETHYLENE	45	43257	8.19	13.8
3	ACETYLENE	51	46229	8.75	14.8
4	PROPANE	66	44439	8.41	14.2
5	PROPYLENE	79	11224	2.12	3.6
6	ISOBUTANE	109	18411	3.48	5.9
7	N-BUTANE	125	58879	11.15	18.8
8	1-BUTENE	167	1774	0.33	0.5
9	ISOBUTYLENE + T-2-BUTENE	196	5176	0.97	1.6
10	ISOPENTANE	236	87512	16.58	28.0
11	N-PENTANE	268	37076	7.02	11.8
12	CYCLOPENTANE	298	4288	0.81	1.3
13	1-PENTENE	345	1174	0.21	0.3
14	HEXANES	536	119572	22.65	38.3

READY

METHANE - 2.27 PPM

*

SAMPLE DATE 11/01/73 | GC CHANNEL 1

SAMPLE ID A3, GC-202, 0821 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#2, BAG 4, 900' | PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	33348	9.92	10.7
2	ETHYLENE	45	26179	7.79	8.3
3	ACETYLENE	51	27015	8.04	8.6
4	PROPANE	66	28544	8.49	9.1
5	PROPYLENE	79	7301	2.17	2.3
6	ISOBUTANE	109	11951	3.55	3.8
7	N-BUTANE	125	37591	11.19	12.0
8	1-BUTENE	167	1257	0.37	0.3
9	ISOBUTYLENE + T-2-BUTENE	196	3463	1.02	1.1
10	ISOPENTANE	236	56633	16.86	18.1
11	N-PENTANE	268	25406	7.56	8.1
12	CYCLOPENTANE	298	3071	0.91	0.9
13	1-PENTENE	345	635	0.18	0.2
14	HEXANES	536	73463	21.87	23.5

READY

METHANE - 2.19 PPM

*

SAMPLE DATE 11/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0829 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 5, 1100' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	16862	10.53	5.4	
2	ETHYLENE	45	12011	7.50	3.8	
3	ACETYLENE	51	9410	5.87	3.0	
4	PROPANE	66	13470	8.41	4.3	
5	PROPYLENE	79	2830	1.76	0.9	
6	ISOBUTANE	109	7254	4.52	2.3	
7	N-BUTANE	125	19356	12.09	6.2	
8	1-BUTENE	167	808	0.50	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	1384	0.86	0.4	
10	ISOPENTANE	236	27248	17.01	8.7	
11	N-PENTANE	268	13085	8.17	4.1	
12	CYCLOPENTANE	298	1469	0.91	0.4	
13	HEXANES	536	34888	21.79	11.1	

READY

METHANE - 1.88 PPM

*

SAMPLE DATE 11/01/73

SAMPLE ID A3,GC-202, 1151 HRS.

SAMPLE NAME SMOG#2,BAG 6, 700'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	12331	11.07	3.9	
2	ETHYLENE	45	10256	9.20	3.2	
3	ACETYLENE	51	7898	7.08	2.5	
4	PROPANE	66	10387	9.32	3.3	
5	PROPYLENE	79	1082	0.97	0.3	
6	ISOBUTANE	109	4091	3.67	1.3	
7	N-BUTANE	125	15031	13.49	4.8	
8	1-BUTENE	167	258	0.22	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	390	0.34	0.1	
10	ISOPENTANE	236	17519	15.72	5.6	
11	N-PENTANE	268	8354	7.50	2.6	
12	CYCLOPENTANE	298	209	0.18	0.0	
13	HEXANES	536	23556	21.15	7.5	

READY

METHANE - 1.72 PPM

*

SAMPLE DATE 11/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1159 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 7, 950' PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11668	10.27	3.7	
2	ETHYLENE	45	10339	9.10	3.3	
3	ACETYLENE	51	8585	7.56	2.7	
4	PROPANE	66	1088	0.95	0.3	
5	PROPYLENE	79	1689	1.48	0.5	
6	ISOBUTANE	109	6072	5.34	1.9	
7	N-BUTANE	125	17178	15.13	5.5	
8	1-BUTENE	167	590	0.51	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	569	0.50	0.1	
10	ISOPENTANE	236	20666	18.20	6.6	
11	N-PENTANE	268	8999	7.92	2.8	
12	HEXANES	536	26054	22.95	8.3	

READY

METHANE - 1.69 PPM

*

SAMPLE DATE 11/01/73

SAMPLE ID A3,GC-202, 1206 HRS.

SAMPLE NAME SMOG#2,BAG 8, 1300'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	12964	8.83	4.1
2	ETHYLENE	45	10691	7.28	3.4
3	ACETYLENE	51	10711	7.29	3.4
4	PROPANE	66	12853	8.75	4.1
5	PROPYLENE	79	2047	1.39	0.6
6	ISOBUTANE	109	5269	3.58	1.6
7	N-BUTANE	125	18243	12.42	5.8
8	1-BUTENE	167	714	0.48	0.2
9	ISOBUTYLENE + T-2-BUTENE	196	923	0.62	0.2
10	ISOPENTANE	236	23114	15.75	7.4
11	N-PENTANE	268	12219	8.32	3.9
12	CYCLOPENTANE	298	3029	2.06	0.9
13	HEXANES	536	33965	23.14	10.8

READY

METHANE - 1.70 PPM

*

SAMPLE DATE 11/01/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1214 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 9, 1500' — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11848	9.71	3.7	
2	ETHYLENE	45	9299	7.62	2.9	
3	ACETYLENE	51	9757	7.99	3.1	
4	PROPANE	66	10765	8.82	3.4	
5	PROPYLENE	79	1905	1.55	0.6	
6	ISOBUTANE	109	4534	3.71	1.4	
7	N-BUTANE	125	16404	13.44	5.2	
8	1-BUTENE	167	379	0.30	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	983	0.80	0.3	
10	ISOPENTANE	236	20702	16.96	6.6	
11	N-PENTANE	268	9112	7.46	2.9	
12	CYCLOPENTANE	298	1759	1.44	0.5	
13	HEXANES	536	24555	20.12	7.8	

READY

METHANE - 1.72 PPM

*

SAMPLE DATE 11/01/73

SAMPLE ID A3,GC-202, 1221 HRS.

SAMPLE NAME SMOG#2,BAG 10, 1300'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	10623	7.77	3.4
2	ETHYLENE	45	11792	8.63	3.7
3	ACETYLENE	51	9558	6.99	3.0
4	PROPANE	66	11163	8.16	3.5
5	PROPYLENE	79	1935	1.41	0.6
6	ISOBUTANE	109	5754	4.21	1.8
7	N-BUTANE	125	17279	12.64	5.5
8	1-BUTENE	167	132	0.09	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	1062	0.77	0.3
10	ISOPENTANE	236	22346	16.35	7.1
11	N-PENTANE	268	12065	8.82	3.8
12	CYCLOPENTANE	298	2581	1.88	0.8
13	1-PENTENE	345	250	0.18	0.0
14	HEXANES	536	30087	22.01	9.6

READY

METHANE - 1.67 PPM

*

SAMPLE DATE 11/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0914 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 1, 840' PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	18313	10.78	10.0	
2	ETHYLENE	45	13118	7.72	7.2	
3	ACETYLENE	51	16000	9.42	8.8	
4	PROPANE	66	15584	9.17	8.5	
5	PROPYLENE	79	4794	2.82	2.5	
6	PROPADIENE	93	361	0.21	0.1	
7	ISOBUTANE	109	6391	3.76	3.5	
8	N-BUTANE	125	22825	13.44	12.5	
9	1-BUTENE	167	838	0.49	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	1724	1.01	0.9	
11	ISOPENTANE	236	29984	17.66	16.5	
12	N-PENTANE	268	12446	7.33	6.8	
13	CYCLOPENTANE	298	2166	1.27	1.1	
14	HEXANES·	536	25218	14.85	13.9	

READY

METHANE - 2.16 PPM

SAMPLE DATE 11/01/73

SAMPLE ID A3,GC-660, 0922 HRS.

SAMPLE NAME SMOG#3,BAG 2, 660'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13999	11.14	7.7	
2	ETHYLENE	45	9982	7.94	5.4	
3	ACETYLENE	51	9886	7.87	5.4	
4	PROPANE	66	12741	10.14	7.0	
5	PROPYLENE	79	3226	2.56	1.7	
6	PROPADIENE	93	186	0.14	0.0	
7	ISOBUTANE	109	4718	3.75	2.5	
8	N-BUTANE	125	17349	13.81	9.6	
9	1-BUTENE	167	624	0.49	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	1196	0.95	0.6	
11	ISOPENTANE	236	21106	16.80	11.6	
12	N-PENTANE	268	9793	7.79	5.3	
13	CYCLOPENTANE	298	423	0.33	0.1	
14	1-PENTENE	345	64	0.04	0.0	
15	HEXANES	536	20260	16.13	11.1	

READY

METHANE - 2.02 PPM

SAMPLE DATE 11/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0930 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 3, 500' PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	22857	9.28	7.3	
2	ETHYLENE	45	18780	7.62	6.0	
3	ACETYLENE	51	16291	6.61	5.2	
4	PROPANE	66	19634	7.97	6.2	
5	PROPYLENE	79	4170	1.69	1.3	
6	ISOBUTANE	109	9296	3.77	2.9	
7	N-BUTANE	125	28367	11.51	9.1	
8	1-BUTENE	167	1051	0.42	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1959	0.79	0.6	
10	ISOPENTANE	236	40773	16.55	13.0	
11	N-PENTANE	266	22509	9.14	7.2	
12	CYCLOPENTANE	298	4657	1.88	1.4	
13	1-PENTENE	345	907	0.36	0.2	
14	HEXANES	536	54990	22.32	17.6	

READY

METHANE - 1.96 PPM

*

SAMPLE DATE 11/01/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 0937 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 4, 860' — PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	23798	11.48	7.6	
2	ETHYLENE	45	17791	8.58	5.7	
3	ACETYLENE	51	14908	7.19	4.7	
4	PROPANE	66	21102	10.18	6.7	
5	PROPYLENE	79	3655	1.76	1.1	
6	PROPADIENE	93	196	0.09	0.0	
7	ISOBUTANE	109	9351	4.51	3.0	
8	N-BUTANE	125	29616	14.29	9.5	
9	1-BUTENE	167	600	0.28	0.1	
10	ISOBUTYLENE + T-2-BUTENE	196	1574	0.75	0.5	
11	ISOPENTANE	236	3989	1.92	1.2	
12	N-PENTANE	268	19769	9.54	6.3	
13	CYCLOPENTANE	298	2859	1.37	0.9	
14	HEXANES	536	57940	27.96	18.5	

READY

METHANE - 1.99 PPM

SAMPLE DATE 11/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0944 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 5, 1000' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	10601	10.28	5.8	
2	ETHYLENE	45	9704	9.41	5.3	
3	ACETYLENE	51	9885	9.59	5.4	
4	PROPANE	66	11847	11.49	6.4	
5	PROPYLENE	79	2448	2.37	1.3	
6	ISOBUTANE	109	3583	3.47	1.9	
7	N-BUTANE	125	12936	12.55	7.1	
8	1-BUTENE	167	449	0.43	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	842	0.81	0.3	
10	ISOPENTANE	236	14978	14.53	8.2	
11	N-PENTANE	268	6327	6.13	3.4	
12	CYCLOPENTANE	298	191	0.18	0.0	
13	HEXANES	536	19261	18.68	10.6	

READY

METHANE - 1.93 PPM

SAMPLE DATE 11/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1323 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 6, 1000' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	11463	9.24	3.6	
2	ETHYLENE	45	10027	8.09	3.2	
3	ACETYLENE	51	8693	7.01	2.7	
4	PROPANE	66	9477	7.64	3.0	
5	PROPYLENE	79	1821	1.46	0.5	
6	ISOBUTANE	109	4270	3.44	1.3	
7	N-BUTANE	125	16070	12.96	5.1	
8	1-BUTENE	167	441	0.35	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	807	0.65	0.2	
10	ISOPENTANE	236	21141	17.06	6.7	
11	N-PENTANE	268	11476	9.26	3.6	
12	CYCLOPENTANE	298	2083	1.67	0.6	
13	HEXANES	536	26130	21.08	8.3	

READY

METHANE - 1.66 PPM

*

SAMPLE DATE 11/01/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 0745 HRS. — REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES — PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	15854	7.00	8.7
2	ETHYLENE	45	14389	6.36	7.9
3	ACETYLENE	51	22210	9.82	12.2
4	PROPANE	66	18430	8.15	10.1
5	PROPYLENE	79	8283	3.66	4.5
6	PROPADIENE	93	544	0.23	0.2
7	ISOBUTANE	109	7754	3.42	4.2
8	N-BUTANE	125	29475	13.03	16.2
9	1-BUTENE	167	1741	0.76	0.9
10	ISOBUTYLENE + T-2-BUTENE	196	3917	1.73	2.1
11	ISOPENTANE	236	42506	18.79	23.5
12	N-PENTANE	268	17762	7.85	9.7
13	CYCLOPENTANE	298	1302	0.57	0.7
14	1-PENTENE	345	303	0.13	0.1
15	HEXANES	536	41623	18.40	23.0

READY

METHANE - 2.48 PPM

SAMPLE DATE 11/01/73 GC CHANNEL 1

SAMPLE ID A3, GC-660, 0845 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	30142	8.27	16.6	
2	ETHYLENE	45	29301	8.04	16.1	
3	ACETYLENE	51	34905	9.58	19.2	
4	PROPANE	66	23060	6.33	12.7	
5	PROPYLENE	79	12893	3.54	7.1	
6	PROPADIENE	93	1222	0.33	0.6	
7	ISOBUTANE	109	11984	3.28	6.5	
8	N-BUTANE	125	45998	12.63	25.4	
9	1-BUTENE	167	3887	1.06	2.1	
10	ISOBUTYLENE + T-2-BUTENE	196	6717	1.84	3.6	
11	ISOPENTANE	236	65384	17.96	36.1	
12	N-PENTANE	268	27911	7.66	15.3	
13	CYCLOPENTANE	298	2511	0.68	1.3	
14	HEXANES	536	68073	18.70	37.6	

READY

METHANE - 2.69 PPM

SAMPLE DATE 11/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0945 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, CULVER CITY PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14155	8.16	7.8	
2	ETHYLENE	45	13052	7.52	7.1	
3	ACETYLENE	51	17248	9.94	9.5	
4	PROPANE	66	14884	8.58	8.2	
5	PROPYLENE	79	4850	2.79	2.6	
6	ISOBUTANE	109	6350	3.66	3.5	
7	N-BUTANE	125	25467	14.69	14.0	
8	1-BUTENE	167	1058	0.61	0.5	
9	ISOBUTYLENE + T-2-BUTENE	196	1755	1.01	0.9	
10	ISOPENTANE	236	34675	20.00	19.1	
11	N-PENTANE	268	10527	6.07	5.7	
12	CYCLOPENTANE	298	434	0.25	0.2	
13	1-PENTENE	345	101	0.05	0.0	
14	HEXANES	536	28766	16.59	15.8	

READY

METHANE - 1.97 PPM

SAMPLE DATE 11/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1050 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	20235	11.19	6.3	
2	ETHYLENE	45	11132	6.15	3.5	
3	ACETYLENE	51	10104	5.59	3.1	
4	PROPANE	66	19811	10.96	6.2	
5	PROPYLENE	79	1810	1.00	0.5	
6	ISOBUTANE	109	5823	3.21	1.8	
7	N-BUTANE	125	22539	12.46	7.0	
8	1-BUTENE	167	1284	0.70	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1325	0.73	0.4	
10	ISOPENTANE	236	33163	18.35	10.4	
11	N-PENTANE	268	17678	9.78	5.5	
12	CYCLOPENTANE	298	1738	0.96	0.5	
13	HEXANES	536	34070	18.85	10.7	

READY

METHANE - 1.76 PPM

SAMPLE DATE 11/01/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1150 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, CULVER CITY PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	19869	11.74	6.2	
2	ETHYLENE	45	5750	3.39	1.8	
3	ACETYLENE	51	6828	4.03	2.1	
4	PROPANE	66	13295	7.85	4.1	
5	PROPYLENE	79	1248	0.73	0.3	
6	ISOBUTANE	109	7910	4.67	2.4	
7	N-BUTANE	125	29621	17.50	9.3	
8	1-BUTENE	167	326	0.19	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	525	0.30	0.1	
10	ISOPENTANE	236	30962	18.29	9.7	
11	N-PENTANE	268	15267	9.02	4.7	
12	CYCLOPENTANE	298	3139	1.85	0.9	
13	1-PENTENE	345	562	0.32	0.1	
14	HEXANES	536	33917	20.04	10.6	

READY

METHANE - 1.66 PPM

SAMPLE DATE 11/02/73

SAMPLE ID A3.GC-202, 1204 HRS.

SAMPLE NAME SMOG#2.BAG 1, 1625'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	17268	14.93	5.4	
2	ETHYLENE	45	11396	9.85	3.5	
3	ACETYLENE	51	8468	7.32	2.6	
4	PROPANE	66	7311	6.32	2.2	
5	PROPYLENE	79	2393	2.06	0.7	
6	ISOBUTANE	109	3088	2.67	0.9	
7	N-BUTANE	125	11064	9.57	3.4	
8	1-BUTENE	167	651	0.56	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	1517	1.31	0.4	
10	ISOPENTANE	236	15434	13.34	4.8	
11	N-PENTANE	268	11347	9.81	3.5	
12	CYCLOPENTANE	298	1354	1.16	0.4	
13	HEXANES	536	24310	21.02	7.6	

READY

METHANE - 1.81 PPM

SAMPLE DATE 11/02/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 1211 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 2, 1225' | PK NO BIG AREA 1

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6381	15.71	2.0	
2	ETHYLENE	45	4286	10.55	1.3	
3	ACETYLENE	51	2079	5.11	0.6	
4	PROPANE	66	4184	10.30	1.3	
5	PROPYLENE	79	555	1.36	0.1	
6	ISOBUTANE	109	2316	5.70	0.7	
7	N-BUTANE	125	5550	13.66	1.7	
8	ISOPENTANE	236	6330	15.58	1.9	
9	N-PENTANE	268	4644	11.43	1.4	
10	HEXANES	536	4285	10.54	1.3	

READY

METHANE - 1.56 PPM

SAMPLE DATE 11/02/73

SAMPLE ID A3,GC-660, 1226 HRS.

SAMPLE NAME SMOG#2,BAG 4, 425°

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 9

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3602	13.84	1.8	
2	ETHYLENE	45	2462	9.46	1.2	
3	ACETYLENE	51	2321	8.92	1.1	
4	PROPANE	66	2546	9.78	1.3	
5	PROPYLENE	79	635	2.43	0.3	
6	ISOBUTANE	109	1132	4.35	0.5	
7	N-BUTANE	125	3549	13.64	1.8	
8	ISOBUTYLENE + T-2-BUTENE	196	415	1.59	0.1	
9	ISOPENTANE	236	4662	17.91	2.5	
10	N-PENTANE	268	1962	7.54	1.0	
11	HEXANES	536	2726	10.47	1.4	

READY

METHANE - 1.52 PPM

SAMPLE DATE 11/02/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1236 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 5, 1200' — PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3059	9.91	1.6	
2	ETHYLENE	45	2145	6.95	1.0	
3	ACETYLENE	51	2324	7.53	1.1	
4	PROPANE	66	2724	8.83	1.4	
5	PROPYLENE	79	900	2.91	0.4	
6	ISOBUTANE	109	1100	3.56	0.5	
7	N-BUTANE	125	3294	10.67	1.7	
8	ISOBUTYLENE + T-2-BUTENE	196	337	1.09	0.1	
9	ISOPENTANE	236	4352	14.11	2.2	
10	N-PENTANE	268	2358	7.64	1.2	
11	HEXANES	536	8247	26.73	4.3	

READY

METHANE - 1.54 PPM

SAMPLE DATE 11/02/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1320 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 1, 1890' PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4283	10.44	2.2	
2	ETHYLENE	45	4906	11.95	2.5	
3	ACETYLENE	51	3603	8.78	1.8	
4	PROPANE	66	3444	8.39	1.7	
5	PROPYLENE	79	1098	2.67	0.5	
6	ISOBUTANE	109	1517	3.69	0.7	
7	N-BUTANE	125	5297	12.91	2.8	
8	ISOBUTYLENE + 1-2-BUTENE	196	317	0.77	0.1	
9	ISOPENTANE	236	5481	13.36	2.8	
10	N-PENTANE	268	2391	5.82	1.2	
11	HEXANES	536	8679	21.15	4.6	

READY

METHANE - 1.55 PPM

SAMPLE DATE 11/02/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1325 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 2, 1710' PK NO BIG AREA 13

,PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	4299	10.71	2.2	
2	ETHYLENE	45	6058	15.10	3.2	
3	ACETYLENE	51	3583	8.93	1.8	
4	PROPANE	66	3032	7.55	1.5	
5	PROPYLENE	79	951	2.37	0.4	
6	ISOBUTANE	109	1558	3.88	0.7	
7	N-BUTANE	125	4586	11.43	2.4	
8	1-BUTENE	167	123	0.30	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	462	1.15	0.2	
10	ISOPENTANE	236	6010	14.98	3.2	
11	N-PENTANE	268	2860	7.12	1.4	
12	CYCLOPENTANE	298	60	0.14	0.0	
13	HEXANES	536	6524	16.26	3.4	

READY

METHANE - 1.62 PPM

SAMPLE DATE 11/02/73

SAMPLE ID A3,GC-660, 1329 HRS.

SAMPLE NAME SMOG#3,BAG 3, 1500'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4762	11.89	2.5	
2	ETHYLENE	45	4110	10.26	2.1	
3	ACETYLENE	51	3737	9.33	1.9	
4	PROPANE	66	3405	8.50	1.7	
5	PROPYLENE	79	1064	2.65	0.5	
6	ISOBUTANE	109	1529	3.82	0.7	
7	N-BUTANE	125	4704	11.75	2.5	
8	1-BUTENE	167	155	0.38	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	452	1.12	0.2	
10	ISOPENTANE	236	5979	14.94	3.2	
11	N-PENTANE	268	3181	7.94	1.6	
12	HEXANES	536	6937	17.33	3.6	

READY

METHANE - 1.54 PPM

SAMPLE DATE 11/02/73

SAMPLE ID AJ.GC-202, 1200 HRS.

SAMPLE NAME ARB VAN, CULVER CITY

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	5689	14.33	1.7	
2	ETHYLENE	45	2403	6.05	0.7	
3	ACETYLENE	51	1944	4.89	0.6	
4	PROPANE	66	3540	8.92	1.1	
5	PROPYLENE	79	465	1.17	0.1	
6	ISOBUTANE	109	2622	6.60	0.8	
7	N-BUTANE	125	5379	13.55	1.6	
8	1-BUTENE	167	484	1.21	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	722	1.81	0.2	
10	ISOPENTANE	236	7385	18.61	2.3	
11	N-PENTANE	268	3942	9.93	1.2	
12	HEXANES	536	5100	12.85	1.6	

READY

METHANE - 1.49 PPM

SAMPLE DATE 11/02/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1300 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, ALHAMBRA PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	9449	13.44	5.0	
2	ETHYLENE	45	6635	9.44	3.5	
3	ACETYLENE	51	6888	9.80	3.6	
4	PROPANE	66	5495	7.82	2.8	
5	PROPYLENE	79	2130	3.03	1.0	
6	ISOBUTANE	109	2398	3.41	1.2	
7	N-BUTANE	125	8964	12.75	4.7	
8	1-BUTENE	167	353	0.50	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	1016	1.44	0.4	
10	ISOPENTANE	236	11722	16.68	6.2	
11	N-PENTANE	268	5724	8.14	3.0	
12	CYCLOPENTANE	298	121	0.17	0.0	
13	HEXANES	536	9349	13.30	5.0	

READY

METHANE - 1.79 PPM

*

SAMPLE DATE 11/02/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1400 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, PASADENA PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4474	4.14	2.3	
2	ETHYLENE	45	9261	8.58	4.9	
3	ACETYLENE	51	9704	8.99	5.1	
4	PROPANE	66	3701	3.43	1.9	
5	PROPYLENE	79	3932	3.64	2.1	
6	PROPADIENE	93	262	0.24	0.0	
7	ISOBUTANE	109	2995	2.77	1.5	
8	N-BUTANE	125	12278	11.38	6.5	
9	1-BUTENE	167	710	0.65	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	2241	2.07	1.1	
11	ISOPENTANE	236	23669	21.95	12.6	
12	N-PENTANE	268	9574	8.88	5.0	
13	CYCLOPENTANE	298	840	0.77	0.3	
14	HEXANES	536	24166	22.41	12.8	

READY

METHANE - 1.56 PPM

SAMPLE DATE 11/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0752 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 1, 900' PK NO BIG AREA 13

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	24539	11.63	6.9	
2	ETHYLENE	45	19099	9.05	5.4	
3	ACETYLENE	51	17278	8.19	4.8	
4	PROPANE	66	21976	10.42	6.2	
5	PROPYLENE	79	4986	2.36	1.4	
6	PROPADIENE	93	175	0.08	0.0	
7	ISOBUTANE	109	9610	4.55	2.7	
8	N-BUTANE	125	25028	11.87	7.0	
9	1-BUTENE	167	1390	0.65	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	2232	1.05	0.6	
11	ISOPENTANE	236	29590	14.03	8.3	
12	N-PENTANE	268	16995	8.05	4.8	
13	HEXANES	536	37923	17.98	10.7	

READY

METHANE - 1.92 PPM

*

SAMPLE DATE 11/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0759 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 2, 700' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	18996	11.99	5.3	
2	ETHYLENE	45	10845	6.84	3.0	
3	ACETYLENE	51	7469	4.71	2.1	
4	PROPANE	66	20972	13.24	5.9	
5	PROPYLENE	79	1092	0.68	0.3	
6	ISOBUTANE	109	12490	7.88	3.5	
7	N-BUTANE	125	20803	13.14	5.8	
8	1-BUTENE	167	614	0.38	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	826	0.51	0.2	
10	ISOPENTANE	236	23213	14.66	6.5	
11	N-PENTANE	268	13021	8.22	3.6	
12	CYCLOPENTANE	298	1747	1.10	0.4	
13	HEXANES	536	26216	16.55	7.4	

READY

METHANE - 1.68 PPM

*

SAMPLE DATE 11/05/73

SAMPLE ID A3,GC-202, 0807 HRS.

SAMPLE NAME SMOG#2,BAG 3, 500'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	19646	12.04	5.5
2	ETHYLENE	45	9198	5.63	2.6
3	ACETYLENE	51	6424	3.93	1.8
4	PROPANE	66	21185	12.98	6.0
5	PROPYLENE	79	2522	1.54	0.7
6	ISOBUTANE	109	10930	6.70	3.0
7	N-BUTANE	125	23980	14.70	6.7
8	1-BUTENE	167	619	0.37	0.1
9	ISOBUTYLENE + T-2-BUTENE	196	1254	0.76	0.3
10	ISOPENTANE	236	24406	14.96	6.9
11	N-PENTANE	268	14100	8.64	3.9
12	CYCLOPENTANE	298	2740	1.67	0.7
13	1-PENTENE	345	277	0.16	0.0
14	HEXANES	536	25793	15.81	7.3

READY

METHANE - 1.75 PPM

*

SAMPLE DATE 11/05/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 0815 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4, 300' — PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	51311	9.42	14.5	
2	ETHYLENE	45	46146	8.48	13.0	
3	ACETYLENE	51	40725	7.48	11.5	
4	PROPANE	66	44269	8.13	12.5	
5	PROPYLENE	79	13625	2.50	3.8	
6	PROPADIENE	93	551	0.10	0.1	
7	ISOBUTANE	109	18172	3.33	5.1	
8	N-BUTANE	125	61123	11.23	17.3	
9	1-BUTENE	167	2616	0.47	0.7	
10	ISOBUTYLENE + T-2-BUTENE	196	6854	1.25	1.9	
11	ISOPENTANE	236	82719	15.20	23.4	
12	N-PENTANE	268	44124	8.10	12.4	
13	CYCLOPENTANE	298	5927	1.08	1.6	
14	1-PENTENE	345	2764	0.50	0.7	
15	HEXANES	536	123110	22.62	34.8	

READY

METHANE - 2.30 PPM

*

SAMPLE DATE 11/05/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 0823 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 5, 500' — PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	34525	8.82	9.7	
2	ETHYLENE	45	30479	7.79	8.6	
3	ACETYLENE	51	26853	6.86	7.6	
4	PROPANE	66	39411	10.07	11.1	
5	PROPYLENE	79	9295	2.37	2.6	
6	PROPADIENE	93	304	0.07	0.0	
7	ISOBUTANE	109	17082	4.36	4.8	
8	N-BUTANE	125	52221	13.35	14.7	
9	1-BUTENE	167	2135	0.54	0.6	
10	ISOBUTYLENE + T-2-BUTENE	196	4531	1.15	1.2	
11	ISOPENTANE	236	62634	16.01	17.7	
12	N-PENTANE	268	28915	7.39	8.1	
13	CYCLOPENTANE	298	4772	1.21	1.3	
14	1-PENTENE	345	889	0.22	0.2	
15	HEXANES	536	77066	19.70	21.8	

READY

METHANE - 2.01

*

SAMPLE DATE 11/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1012 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 6, 900' PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	30736	8.53	8.7	
2	ETHYLENE	45	25875	7.18	7.3	
3	ACETYLENE	51	22265	6.18	6.3	
4	PROPANE	66	30915	8.58	8.7	
5	PROPYLENE	79	5958	1.65	1.6	
6	PROPADIENE	93	140	0.03	0.0	
7	ISOBUTANE	109	16617	4.61	4.7	
8	N-BUTANE	125	52882	14.68	14.9	
9	1-BUTENE	167	1362	0.37	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	3041	0.84	0.8	
11	ISOPENTANE	236	57348	15.92	16.2	
12	N-PENTANE	268	33637	9.34	9.5	
13	CYCLOPENTANE	298	4656	1.29	1.3	
14	HEXANES	536	74591	20.71	21.1	

READY

METHANE - 1.89 PPM

*

SAMPLE DATE 11/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1020 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 7, 900' PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	26021	7.76	7.3	
2	ETHYLENE	45	21308	6.35	6.0	
3	ACETYLENE	51	16300	4.86	4.6	
4	PROPANE	66	29292	8.74	8.2	
5	PROPYLENE	79	4202	1.25	1.1	
6	ISOBUTANE	109	17250	5.14	4.8	
7	N-BUTANE	125	55477	16.56	15.7	
8	1-BUTENE	167	1089	0.32	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	2132	0.63	0.6	
10	ISOPENTANE	236	56375	16.83	15.9	
11	N-PENTANE	268	32677	9.75	9.2	
12	CYCLOPENTANE	298	4870	1.45	1.3	
13	1-PENTENE	345	442	0.13	0.1	
14	HEXANES	536	67471	20.14	19.1	

READY

METHANE - 1.86 PPM

*

SAMPLE DATE 11/05/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1027 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 8, 700' — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	36513	9.75	10.3	
2	ETHYLENE	45	28530	7.62	8.0	
3	ACETYLENE	51	29406	7.85	8.3	
4	PROPANE	66	36196	9.67	10.2	
5	PROPYLENE	79	6490	1.73	1.8	
6	ISOBUTANE	109	16723	4.46	4.7	
7	N-BUTANE	125	52852	14.12	14.9	
8	1-BUTENE	167	1708	0.45	0.4	
9	ISOBUTYLENE + T-2-BUTENE	196	3045	0.81	0.8	
10	ISOPENTANE	236	55772	14.90	15.7	
11	N-PENTANE	268	33103	8.84	9.3	
12	CYCLOPENTANE	298	4744	1.26	1.3	
13	HEXANES	536	69002	18.44	19.5	

READY

METHANE - 1.94 PPM

*

SAMPLE DATE 11/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1035 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 9, 500' PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	37607	9.82	10.6	
2	ETHYLENE	45	33167	8.66	9.3	
3	ACETYLENE	51	24932	6.51	7.0	
4	PROPANE	66	33738	8.81	9.5	
5	PROPYLENE	79	5889	1.53	1.6	
6	PROPADIENE	93	281	0.07	0.0	
7	ISOBUTANE	109	15225	3.97	4.3	
8	N-BUTANE	125	48650	12.71	13.7	
9	1-BUTENE	167	2164	0.56	0.6	
10	ISOBUTYLENE + T-2-BUTENE	196	3615	0.94	1.0	
11	ISOPENTANE	236	65946	17.23	18.6	
12	N-PENTANE	268	34063	8.90	9.6	
13	CYCLOPENTANE	298	4649	1.21	1.3	
14	HEXANES	536	72636	18.98	20.5	

READY

METHANE - 2.14 PPM

*

SAMPLE DATE 11/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1043 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 10, 300' PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	39631	10.05	11.2	
2	ETHYLENE	45	36528	9.26	10.3	
3	ACETYLENE	51	27802	7.05	7.8	
4	PROPANE	66	37495	9.50	10.6	
5	PROPYLENE	79	7534	1.91	2.1	
6	PROPADIENE	93	264	0.06	0.0	
7	ISOBUTANE	109	14786	3.75	4.1	
8	N-BUTANE	125	49006	12.42	13.6	
9	1-BUTENE	167	1990	0.50	0.5	
10	ISOBUTYLENE + T-2-BUTENE	196	4437	1.12	1.2	
11	ISOPENTANE	236	59666	15.13	16.8	
12	N-PENTANE	268	34218	8.67	9.6	
13	CYCLOPENTANE	298	5311	1.34	1.5	
14	1-PENTENE	345	1025	0.25	0.2	
15	HEXANES	536	74489	18.89	21.1	

READY

METHANE - 2.14 PPM

*

SAMPLE DATE 11/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1320 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 11, 800' PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10735	9.72	5.7	
2	ETHYLENE	45	7306	6.61	3.9	
3	ACETYLENE	51	8852	8.02	4.7	
4	PROPANE	66	12525	11.34	6.7	
5	PROPYLENE	79	2175	1.96	1.1	
6	PROPADIENE	93	130	0.11	0.0	
7	ISOBUTANE	109	6644	6.01	3.5	
8	N-BUTANE	125	17414	15.77	9.3	
9	1-BUTENE	167	286	0.25	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	483	0.43	0.2	
11	ISOPENTANE	236	18663	16.90	10.0	
12	N-PENTANE	268	8948	8.10	4.8	
13	CYCLOPENTANE	298	258	0.23	0.0	
14	HEXANES	536	15948	14.44	8.5	

READY

METHANE - 1.75 PPM

*

SAMPLE DATE 11/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1327 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 12, 1000' PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13613	9.87	7.3	
2	ETHYLENE	45	9766	7.08	5.2	
3	ACETYLENE	51	11114	8.05	6.0	
4	PROPANE	66	15305	11.10	8.2	
5	PROPYLENE	79	3223	2.33	1.7	
6	PROPADIENE	93	233	0.16	0.0	
7	ISOBUTANE	109	8056	5.84	4.2	
8	N-BUTANE	125	21074	15.28	11.4	
9	1-BUTENE	167	550	0.39	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	954	0.68	0.4	
11	ISOPENTANE	236	22611	16.40	12.1	
12	N-PENTANE	268	11376	8.25	6.0	
13	CYCLOPENTANE	298	400	0.28	0.1	
14	1-PENTENE	345	82	0.05	0.0	
15	HEXANES	536	19491	14.13	10.5	

READY

METHANE - 1.87 PPM

*

SAMPLE DATE 11/05/73

SAMPLE ID A3,GC-660, 1335 HRS.

SAMPLE NAME SMOG#2,BAG 13, 1200'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9360	8.98	5.0	
2	ETHYLENE	45	5646	5.41	3.0	
3	ACETYLENE	51	7798	7.48	4.2	
4	PROPANE	66	12079	11.59	6.4	
5	PROPYLENE	79	1642	1.57	0.8	
6	PROPADIENE	93	91	0.08	0.0	
7	ISOBUTANE	109	6907	6.62	3.6	
8	N-BUTANE	125	17478	16.77	9.4	
9	1-BUTENE	167	155	0.14	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	331	0.31	0.1	
11	ISOPENTANE	236	18689	17.93	10.0	
12	N-PENTANE	268	9162	8.79	4.9	
13	CYCLOPENTANE	298	245	0.23	0.0	
14	HEXANES	536	14605	14.01	7.8	

READY

METHANE - 1.74 PPM

*

SAMPLE DATE 11/05/73

SAMPLE ID A3,GC-660, 1345 HRS.

SAMPLE NAME SMOG#2,BAG 14, 1600'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8919	8.29	4.7	
2	ETHYLENE	45	4664	4.33	2.5	
3	ACETYLENE	51	6867	6.38	3.6	
4	PROPANE	66	12034	11.19	6.4	
5	PROPYLENE	79	1485	1.37	0.7	
6	PROPADIENE	93	139	0.12	C.0	
7	ISOBUTANE	109	7570	7.03	4.0	
8	N-BUTANE	125	18884	17.55	10.1	
9	1-BUTENE	167	239	0.21	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	274	0.25	0.0	
11	ISOPENTANE	236	20253	18.83	10.9	
12	N-PENTANE	268	10345	9.61	5.5	
13	CYCLOPENTANE	298	282	0.25	0.0	
14	HEXANES	536	15576	14.48	8.3	

READY

METHANE - 1.66 PPM

*

SAMPLE DATE 11/05/73 | GC CHANNEL 1
SAMPLE ID A3,GC-660, 1354 HRS. | REF. PEAK TIME 125
SAMPLE NAME SMOG#2,BAG 15, 1900' | PK NO BIG AREA 10
PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8193	7.88	4.3	
2	ETHYLENE	45	4540	4.36	2.4	
3	ACETYLENE	51	6328	6.08	3.3	
4	PROPANE	66	11500	11.06	6.1	
5	PROPYLENE	79	1184	1.13	0.6	
6	ISOBUTANE	109	7151	6.87	3.8	
7	N-BUTANE	125	18152	17.46	9.7	
8	1-BUTENE	167	354	0.33	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	353	0.33	0.1	
10	ISOPENTANE	236	20071	19.31	10.8	
11	N-PENTANE	268	10749	10.34	5.7	
12	CYCLOPENTANE	298	456	0.43	0.2	
13	1-PENTENE	345	51	0.04	0.0	
14	HEXANES	536	14840	14.27	7.9	

READY

METHANE - 1.66 PPM

*

SAMPLE DATE 11/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0923 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 1 PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	16257	9.95	8.6
2	ETHYLENE	45	12373	7.57	6.5
3	ACETYLENE	51	14869	9.10	7.9
4	PROPANE	66	16606	10.17	8.9
5	PROPYLENE	79	4408	2.69	2.3
6	PROPADIENE	93	258	0.15	0.0
7	ISOBUTANE	109	8190	5.01	4.3
8	N-BUTANE	125	23261	14.24	12.4
9	1-BUTENE	167	767	0.46	0.3
10	ISOBUTYLENE + T-2-BUTENE	196	1495	0.91	0.7
11	ISOPENTANE	236	26095	15.98	13.9
12	N-PENTANE	268	11245	6.88	6.0
13	CYCLOPENTANE	298	1132	0.69	0.5
14	HEXANES	536	26272	16.09	14.0

READY

METHANE - 1.91 PPM

*

SAMPLE DATE 11/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0931 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3, BAG 2 PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	20291	9.16	10.8	
2	ETHYLENE	45	17009	7.68	9.0	
3	ACETYLENE	51	19547	8.82	10.4	
4	PROPANE	66	22498	10.16	12.0	
5	PROPYLENE	79	6125	2.76	3.2	
6	PROPADIENE	93	429	0.19	0.1	
7	ISOBUTANE	109	10718	4.84	5.7	
8	N-BUTANE	125	30868	13.94	16.4	
9	1-BUTENE	167	962	0.43	0.4	
10	ISOBUTYLENE + T-2-BUTENE	196	2049	0.92	1.0	
11	ISOPENTANE	236	33842	15.28	18.1	
12	N-PENTANE	268	15013	6.78	8.0	
13	CYCLOPENTANE	298	1418	0.63	0.7	
14	HEXANES	536	40585	18.33	21.7	

READY

METHANE - 2.11 PPM

*

SAMPLE DATE 11/05/73

SAMPLE ID A3,GC-660, 0939 HRS.

SAMPLE NAME SMOG#3,BAG 3

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	18487	9.25	9.8	
2	ETHYLENE	45	14353	7.18	7.6	
3	ACETYLENE	51	17405	8.71	9.2	
4	PROPANE	66	20101	10.06	10.7	
5	PROPYLENE	79	5380	2.69	2.8	
6	ISOBUTANE	109	10425	5.22	5.5	
7	N-BUTANE	125	28868	14.45	15.4	
8	1-BUTENE	167	1014	0.50	0.4	
9	ISOBUTYLENE + T-2-BUTENE	196	1771	0.88	0.9	
10	ISOPENTANE	236	31239	15.64	16.7	
11	N-PENTANE	268	14036	7.02	7.5	
12	CYCLOPENTANE	298	966	0.48	0.4	
13	1-PENTENE	345	364	0.18	0.1	
14	HEXANES	536	35236	17.64	18.8	

READY

METHANE - 2.00 PPM

*

SAMPLE DATE 11/05/73 | GC CHANNEL 1

SAMPLE ID A3,GC-660, 0946 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 4 | PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	32500	10.75	17.5
2	ETHYLENE	45	22098	7.31	11.9
3	ACETYLENE	51	23492	7.77	12.6
4	PROPANE	66	31709	10.49	17.1
5	PROPYLENE	79	8797	2.90	4.6
6	ISOBUTANE	109	11968	3.95	6.4
7	N-BUTANE	125	36991	12.24	20.0
8	1-BUTENE	167	1828	0.60	0.9
9	ISOBUTYLENE + T-2-BUTENE	196	4336	1.43	2.3
10	ISOPENTANE	236	46374	15.34	25.0
11	N-PENTANE	268	31000	10.25	16.7
12	CYCLOPENTANE	298	2009	0.66	1.0
13	1-PENTENE	345	1477	0.48	0.7
14	HEXANES	536	47589	15.74	25.7

READY

METHANE - 2.54 PPM

*

SAMPLE DATE 11/05/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 0954 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 5 — PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	19384	9.67	10.4	
2	ETHYLENE	45	15042	7.50	8.1	
3	ACETYLENE	51	16786	8.38	9.0	
4	PROPANE	66	21517	10.73	11.6	
5	PROPYLENE	79	5734	2.86	3.0	
6	PROPADIENE	93	390	0.19	0.1	
7	ISOBUTANE	109	9755	4.86	5.2	
8	N-BUTANE	125	27412	13.68	14.7	
9	1-BUTENE	167	1051	0.52	0.5	
10	ISOBUTYLENE + T-2-BUTENE	196	2142	1.06	1.0	
11	ISOPENTANE	236	30787	15.36	16.6	
12	N-PENTANE	268	16025	7.99	8.6	
13	CYCLOPENTANE	298	1259	0.62	0.6	
14	1-PENTENE	345	337	0.16	0.1	
15	HEXANES	536	32685	16.31	17.6	

READY

METHANE - 2.06 PPM

*

SAMPLE DATE 11/05/73

SAMPLE ID A3, GC-660, 1200 HRS.

SAMPLE NAME SMOG#3, BAG 6

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	9135	9.49	4.9	
2	ETHYLENE	45	6542	6.80	3.5	
3	ACETYLENE	51	7911	8.22	4.2	
4	PROPANE	66	9741	10.12	5.2	
5	PROPYLENE	79	1782	1.85	0.9	
6	PROPADIENE	93	78	0.07	0.0	
7	ISOBUTANE	109	5161	5.36	2.7	
8	N-BUTANE	125	15439	16.05	8.2	
9	1-BUTENE	167	225	0.23	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	589	0.61	0.3	
11	ISOPENTANE	236	15995	16.63	8.5	
12	N-PENTANE	268	8292	8.62	4.4	
13	CYCLOPENTANE	298	360	0.37	0.1	
14	HEXANES	536	14908	15.50	8.0	

READY

METHANE - 1.72 PPM

*

SAMPLE DATE 11/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1208 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 7 PK NO BIG AREA 8

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8700	9.70	4.6	
2	ETHYLENE	45	5188	5.78	2.7	
3	ACETYLENE	51	7537	8.40	4.0	
4	PROPANE	66	9726	10.84	5.2	
5	PROPYLENE	79	1798	2.00	0.9	
6	PROPADIENE	93	98	0.10	0.0	
7	ISOBUTANE	109	5678	6.33	3.0	
8	N-BUTANE	125	15828	17.65	8.5	
9	1-BUTENE	167	304	0.33	0.1	
10	ISOBUTYLENE + T-2-BUTENE	196	379	0.42	0.1	
11	ISOPENTANE	236	15369	17.13	8.2	
12	N-PENTANE	268	7483	8.34	3.9	
13	CYCLOPENTANE	298	109	0.11	0.0	
14	HEXANES	536	11463	12.78	6.1	

READY

METHANE - 1.62 PPM

*

SAMPLE DATE 11/05/73

SAMPLE ID A3,GC-660, 1215 HRS.

SAMPLE NAME SMOG#3,BAG 8

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	12064	10.35	6.4	
2	ETHYLENE	45	8544	7.33	4.6	
3	ACETYLENE	51	10227	8.77	5.4	
4	PROPANE	66	12182	10.45	6.5	
5	PROPYLENE	79	2717	2.33	1.4	
6	PROPADIENE	93	196	0.16	0.0	
7	ISOBUTANE	109	6042	5.18	3.2	
8	N-BUTANE	125	17865	15.34	9.6	
9	1-BUTENE	167	330	0.28	0.1	
10	ISOBUTYLENE + T-2-BUTENE	196	852	0.72	0.3	
11	ISOPENTANE	236	18764	16.11	10.1	
12	N-PENTANE	268	9296	7.98	5.0	
13	CYCLOPENTANE	298	106	0.08	0.0	
14	HEXANES	536	17265	14.82	9.2	

READY

METHANE - 1.83 PPM

*

SAMPLE DATE 11/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1223 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 9 PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	12742	9.15	6.8	
2	ETHYLENE	45	8839	6.35	4.7	
3	ACETYLENE	51	10618	7.62	5.7	
4	PROPANE	66	13096	9.41	7.0	
5	PROPYLENE	79	2943	2.11	1.5	
6	PROPADIENE	93	194	0.13	0.0	
7	ISOBUTANE	109	6783	4.87	3.6	
8	N-BUTANE	125	20935	15.04	11.3	
9	1-BUTENE	167	449	0.32	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	904	0.64	0.4	
11	ISOPENTANE	236	25039	17.99	13.5	
12	N-PENTANE	268	14964	10.75	8.0	
13	CYCLOPENTANE	298	705	0.50	0.3	
14	1-PENTENE	345	88	0.06	0.0	
15	HEXANES	536	20841	14.97	11.2	

READY

METHANE - 1.82 PPM

*

SAMPLE DATE 11/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1231 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 10 PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9829	9.40	5.3	
2	ETHYLENE	45	6877	6.57	3.6	
3	ACETYLENE	51	8356	7.99	4.4	
4	PROPANE	66	12031	11.50	6.4	
5	PROPYLENE	79	2131	2.03	1.0	
6	PROPADIENE	93	87	0.08	0.0	
7	ISOBUTANE	109	6261	5.98	3.3	
8	N-BUTANE	125	16845	16.11	9.0	
9	1-BUTENE	167	467	0.44	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	614	0.58	0.3	
11	ISOPENTANE	236	17611	16.84	9.5	
12	N-PENTANE	268	8882	8.49	4.7	
13	CYCLOPENTANE	298	262	0.25	0.0	
14	HEXANES	536	14267	13.64	7.6	

READY

METHANE - 1.74 PPM

*

SAMPLE DATE 11/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0745 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, DOWNEY PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	30686	7.43	16.1	
2	ETHYLENE	45	38889	9.42	20.5	
3	ACETYLENE	51	50638	12.27	26.7	
4	PROPANE	66	22072	5.34	11.6	
5	PROPYLENE	79	18112	4.38	9.5	
6	PROPADIENE	93	1438	0.34	0.7	
7	ISOBUTANE	109	10250	2.48	5.3	
8	N-BUTANE	125	34109	8.26	17.9	
9	1-BUTENE	167	3212	0.77	1.6	
10	ISOBUTYLENE + T-2-BUTENE	196	8466	2.05	4.4	
11	ISOPENTANE	236	76027	18.42	40.1	
12	N-PENTANE	268	32875	7.96	17.3	
13	CYCLOPENTANE	298	3310	0.79	1.7	
14	1-PENTENE	345	596	0.14	0.3	
15	HEXANES	536	81932	19.85	43.2	

READY

METHANE - 2.28 PPM

*

SAMPLE DATE 11/05/73

SAMPLE ID A3,GC-660, 0945 HRS.

SAMPLE NAME ARB VAN, PARAMOUNT

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	31473	7.77	16.6	
2	ETHYLENE	45	29844	7.37	15.7	
3	ACETYLENE	51	31233	7.72	16.4	
4	PROPANE	66	36417	9.00	19.2	
5	PROPYLENE	79	13157	3.25	6.9	
6	ISOBUTANE	109	20276	5.01	10.7	
7	N-BUTANE	125	51500	12.73	27.1	
8	1-BUTENE	167	2649	0.65	1.3	
9	ISOBUTYLENE + T-2-BUTENE	196	5630	1.39	2.9	
10	ISOPENTANE	236	77084	19.05	40.7	
11	N-PENTANE	268	36220	8.95	19.1	
12	CYCLOPENTANE	298	3338	0.82	1.7	
13	1-PENTENE	345	429	0.10	0.1	
14	HEXANES	536	65211	16.12	34.4	

READY

METHANE - 2.16 PPM

*

SAMPLE DATE 11/05/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1045 HRS. — REF. PEAK TIME 125

SAMPLE NAME ARB VAN, COMPTON — PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	18978	10.72	10.0	
2	ETHYLENE	45	15465	8.73	8.1	
3	ACETYLENE	51	16434	9.28	8.6	
4	PROPANE	66	18772	10.60	9.9	
5	PROPYLENE	79	5245	2.96	2.7	
6	PROPADIENE	93	211	0.11	0.0	
7	ISOBUTANE	109	8180	4.62	4.2	
8	N-BUTANE	125	23197	13.10	12.2	
9	1-BUTENE	167	866	0.48	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	2056	1.15	1.0	
11	ISOPENTANE	236	33160	18.73	17.5	
12	N-PENTANE	268	15617	8.82	8.2	
13	CYCLOPENTANE	298	335	0.18	0.1	
14	HEXANES	536	18458	10.42	9.6	

READY

METHANE - 1.96 PPM

*

SAMPLE DATE 11/05/73

SAMPLE ID A3,GC-660, 1145 HRS.

SAMPLE NAME ARB VAN, CERRITOS

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	22127	12.71	11.6	
2	ETHYLENE	45	14795	8.50	7.8	
3	ACETYLENE	51	15174	8.71	7.9	
4	PROPANE	66	20205	11.60	10.6	
5	PROPYLENE	79	5221	2.99	2.7	
6	PROPADIENE	93	349	0.19	0.1	
7	ISOBUTANE	109	9037	5.19	4.7	
8	N-BUTANE	125	23997	13.79	12.6	
9	1-BUTENE	167	505	0.28	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	1391	0.79	0.7	
11	ISOPENTANE	236	30700	17.64	16.1	
12	N-PENTANE	268	13574	7.80	7.1	
13	CYCLOPENTANE	298	235	0.13	0.0	
14	1-PENTENE	345	320	0.18	0.1	
15	HEXANES	536	16375	9.40	8.5	

READY

METHANE - 1.99 PPM

*

SAMPLE DATE 11/05/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1245 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN,SANTA FE SP. PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	15113	9.19	7.9	
2	ETHYLENE	45	14001	8.51	7.3	
3	ACETYLENE	51	14659	8.92	7.7	
4	PROPANE	66	15119	9.19	7.9	
5	PROPYLENE	79	4913	2.98	2.5	
6	PROPADIENE	93	235	0.14	0.0	
7	ISOBUTANE	109	6922	4.21	3.5	
8	N-BUTANE	125	22225	13.52	11.7	
9	1-BUTENE	167	782	0.47	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	1948	1.18	1.0	
11	ISOPENTANE	236	33955	20.66	17.8	
12	N-PENTANE	268	14271	8.68	7.5	
13	CYCLOPENTANE	298	326	0.19	0.1	
14	1-PENTENE	345	58	0.03	0.0	
15	HEXANES	536	19802	12.04	10.4	

READY

METHANE - 1.89 PPM

*

SAMPLE DATE 11/06/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, C658 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 1, 1500' PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	15338	7.66	4.3	
2	ETHYLENE	45	12944	6.46	3.6	
3	ACETYLENE	51	9959	4.97	2.8	
4	PROPANE	66	15041	7.51	4.2	
5	PROPYLENE	79	1693	0.84	0.4	
6	ISOBUTANE	109	8608	4.30	2.4	
7	N-BUTANE	125	24440	12.21	6.9	
8	1-BUTENE	167	906	0.45	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	1600	0.79	0.4	
10	ISOPENTANE	236	39245	19.61	11.1	
11	N-PENTANE	268	20482	1C.23	5.7	
12	CYCLOPENTANE	298	3750	1.87	1.0	
13	1-PENTENE	345	625	0.31	0.1	
14	HEXANES	536	45375	22.68	12.8	

READY

METHANE - 1.59 PPM

SAMPLE DATE 11/06/73 | GC CHANNEL 1

SAMPLE ID A3, GC-202, 0708 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#2, BAG 2, 450' | PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	22138	5.86	6.2	
2	ETHYLENE	45	25116	6.65	7.1	
3	ACETYLENE	51	21915	5.80	6.2	
4	PROPANE	66	24290	6.43	6.8	
5	PROPYLENE	79	6502	1.72	1.8	
6	ISOBUTANE	109	12756	3.37	3.6	
7	N-BUTANE	125	38892	10.30	11.0	
8	1-BUTENE	167	2849	0.75	0.8	
9	ISOBUTYLENE + T-2-BUTENE	196	4490	1.18	1.2	
10	ISOPENTANE	236	72019	19.08	20.3	
11	N-PENTANE	268	38509	10.20	10.9	
12	CYCLOPENTANE	298	6508	1.72	1.8	
13	1-PENTENE	345	2278	0.60	0.6	
14	HEXANES	536	99039	26.24	28.0	

READY

METHANE - 2.01 PPM

*

SAMPLE DATE 11/06/73

SAMPLE ID A3,GC-202, 1118 HRS.

SAMPLE NAME SMOG#2,BAG 3, 1250'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	25479	5.00	7.2
2	ETHYLENE	45	34197	6.72	9.6
3	ACETYLENE	51	29597	5.81	8.3
4	PROPANE	66	25444	5.00	7.2
5	PROPYLENE	79	5380	1.05	1.5
6	ISOBUTANE	109	16850	3.31	4.7
7	N-BUTANE	125	57527	11.31	16.2
8	1-BUTENE	167	3728	0.73	1.0
9	ISOBUTYLENE + T-2-BUTENE	196	4980	0.97	1.4
10	ISOPENTANE	236	97366	19.14	27.5
11	N-PENTANE	268	54272	10.67	15.3
12	CYCLOPENTANE	298	7193	1.41	2.0
13	1-PENTENE	345	2686	0.52	0.7
14	HEXANES	536	143789	28.27	40.7

READY

METHANE - 1.77 PPM

*

SAMPLE DATE 11/06/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1126 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4, 950' PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	22184	5.79	6.2	
2	ETHYLENE	45	30295	7.91	8.5	
3	ACETYLENE	51	22646	5.91	6.4	
4	PROPANE	66	22139	5.78	6.2	
5	PROPYLENE	79	4919	1.28	1.3	
6	ISOBUTANE	109	15525	4.05	4.3	
7	N-BUTANE	125	57875	15.11	16.3	
8	1-BUTENE	167	1738	0.45	0.4	
9	ISOBUTYLENE + T-2-BUTENE	196	2889	0.75	0.8	
10	ISOPENTANE	236	71283	18.62	20.1	
11	N-PENTANE	268	32438	8.47	9.1	
12	CYCLOPENTANE	298	1687	0.43	0.4	
13	1-PENTENE	345	1769	0.46	0.5	
14	HEXANES	536	95398	24.92	27.0	

READY

METHANE - 1.82 PPM

*

SAMPLE DATE 11/06/73

SAMPLE ID A3,GC-202, 1134 HRS.

SAMPLE NAME SMOG#2,BAG 5, 800'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	24998	6.43	7.0	
2	ETHYLENE	45	28467	7.33	8.0	
3	ACETYLENE	51	30228	7.78	8.5	
4	PROPANE	66	24463	6.30	6.9	
5	PROPYLENE	79	4524	1.16	1.2	
6	PROPADIENE	93	653	0.16	0.1	
7	ISOBUTANE	109	18502	4.76	5.2	
8	N-BUTANE	125	61071	15.73	17.2	
9	1-BUTENE	167	2732	0.70	0.7	
10	ISOBUTYLENE + T-2-BUTENE	196	3861	0.99	1.0	
11	ISOPENTANE	236	64837	16.70	18.3	
12	N-PENTANE	268	29901	7.70	8.4	
13	CYCLOPENTANE	298	5075	1.30	1.4	
14	1-PENTENE	345	1048	0.26	0.2	
15	HEXANES	536	87825	22.62	24.8	

READY

METHANE - 1.72 PPM

*

SAMPLE DATE 11/06/73

SAMPLE ID A3,GC-202, 1141 HRS.

SAMPLE NAME SMOG#2,BAG 6, 600'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	32563	5.26	8.6	
2	ETHYLENE	45	44574	7.20	11.8	
3	ACETYLENE	51	39314	6.35	10.4	
4	PROPANE	66	31729	5.12	8.4	
5	PROPYLENE	79	10604	1.71	2.8	
6	PROPADIENE	93	429	0.06	0.1	
7	ISOBUTANE	109	21032	3.39	5.5	
8	N-BUTANE	125	65379	10.56	17.3	
9	1-BUTENE	167	3380	0.54	0.8	
10	ISOBUTYLENE + T-2-BUTENE	196	6306	1.01	1.6	
11	ISOPENTANE	236	111301	17.98	29.5	
12	N-PENTANE	268	53694	8.67	14.2	
13	CYCLOPENTANE	298	8950	1.44	2.3	
14	1-PENTENE	345	10432	1.68	2.7	
15	HEXANES	536	179085	28.93	47.5	

READY

METHANE - 1.93 PPM

*

SAMPLE DATE 11/06/73

SAMPLE ID A3,GC-202, 1149 HRS.

SAMPLE NAME SMOG#2,BAG 7, 800'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	25787	7.19	6.8	
2	ETHYLENE	45	27606	7.70	7.3	
3	ACETYLENE	51	26423	7.37	7.0	
4	PROPANE	66	26747	7.46	7.0	
5	PROPYLENE	79	4105	1.14	1.0	
6	ISOBUTANE	109	14722	4.10	3.8	
7	N-BUTANE	125	50318	14.04	13.3	
8	1-BUTENE	167	843	0.23	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	1980	0.55	0.5	
10	ISOPENTANE	236	63974	17.86	16.9	
11	N-PENTANE	268	29347	8.19	7.7	
12	CYCLOPENTANE	298	4314	1.20	1.1	
13	1-PENTENE	345	675	0.18	0.1	
14	HEXANES	536	81299	22.69	21.5	

READY

METHANE - 1.75 PPM

*

SAMPLE DATE 11/06/73 | GC CHANNEL 1

SAMPLE ID A3,GC-660, 0820 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 1, 900' | PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9635	9.13	5.1	
2	ETHYLENE	45	7650	7.25	4.1	
3	ACETYLENE	51	8736	8.28	4.6	
4	PROPANE	66	8739	8.28	4.6	
5	PROPYLENE	79	2578	2.44	1.3	
6	PROPADIENE	93	39	0.03	0.0	
7	ISOBUTANE	109	4545	4.30	2.4	
8	N-BUTANE	125	13984	13.25	7.5	
9	1-BUTENE	167	335	0.31	0.1	
10	ISOBUTYLENE + T-2-BUTENE	196	823	0.77	0.3	
11	ISOPENTANE	236	19951	18.91	10.7	
12	N-PENTANE	268	8786	8.33	4.6	
13	CYCLOPENTANE	298	139	0.13	0.0	
14	HEXANES	536	19517	18.50	10.5	

READY

METHANE - 1.76 PPM

*

SAMPLE DATE 11/06/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0827 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 2, 700' PK NO BIG AREA 11

PK NO REF PEAK 8

NO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8896	10.78	4.7	
2	ETHYLENE	45	6268	7.59	3.3	
3	ACETYLENE	51	7831	9.49	4.2	
4	PROPANE	66	7169	8.68	3.8	
5	PROPYLENE	79	2122	2.56	1.0	
6	PROPADIENE	93	55	0.06	0.0	
7	ISOBUTANE	109	3436	4.16	1.7	
8	N-BUTANE	125	11277	13.66	6.0	
9	1-BUTENE	167	275	0.33	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	709	0.85	0.3	
11	ISOPENTANE	236	14209	17.22	7.6	
12	N-PENTANE	268	5998	7.26	3.2	
13	CYCLOPENTANE	298	95	0.11	0.0	
14	1-PENTENE	345	53	0.06	0.0	
15	HEXANES	536	14093	17.08	7.5	

READY

METHANE - 1.70 PPM

*

SAMPLE DATE 11/06/73

SAMPLE ID A3,GC-660, 0834 HRS.

SAMPLE NAME SMOG#3,BAG 3, 500'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	19535	11.02	10.5	
2	ETHYLENE	45	13875	7.83	7.5	
3	ACETYLENE	51	17935	10.12	9.6	
4	PROPANE	66	13007	7.34	7.0	
5	PROPYLENE	79	5587	3.15	2.9	
6	PROPADIENE	93	328	0.18	0.1	
7	ISOBUTANE	109	6698	3.78	3.5	
8	N-BUTANE	125	22981	12.97	12.4	
9	1-BUTENE	167	1125	0.63	0.5	
10	ISOBUTYLENE + T-2-BUTENE	196	2568	1.44	1.3	
11	ISOPENTANE	236	31164	17.59	16.7	
12	N-PENTANE	268	13117	7.40	7.0	
13	CYCLOPENTANE	298	781	0.43	0.3	
14	HEXANES	536	28382	16.02	15.3	

READY

METHANE - 2.03 PPM

*

SAMPLE DATE 11/06/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 0845 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 4, 340' — PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	27027	8.93	14.6
2	ETHYLENE	45	20232	6.68	10.9
3	ACETYLENE	51	26352	8.71	14.2
4	PROPANE	66	17183	5.68	9.2
5	PROPYLENE	79	9535	3.15	5.1
6	PROPADIENE	93	769	0.25	0.3
7	ISOBUTANE	109	10908	3.60	5.8
8	N-BUTANE	125	37163	12.28	20.0
9	1-BUTENE	167	2827	0.93	1.4
10	ISOBUTYLENE + T-2-BUTENE	196	5036	1.66	2.6
11	ISOPENTANE	236	59613	19.71	32.2
12	N-PENTANE	268	27182	8.98	14.6
13	CYCLOPENTANE	298	2045	0.67	1.0
14	1-PENTENE	345	266	0.08	0.0
15	HEXANES	536	56211	18.59	30.3

READY

METHANE - 2.26 PPM

*

SAMPLE DATE 11/06/73

SAMPLE ID A3,GC-660, 0853 HRS.

SAMPLE NAME SMOG#3,BAG 5, 500'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	20412	7.95	11.0
2	ETHYLENE	45	16586	6.46	8.9
3	ACETYLENE	51	20889	8.14	11.2
4	PROPANE	66	14933	5.82	8.0
5	PROPYLENE	79	7716	3.00	4.1
6	PROPADIENE	93	551	0.21	0.2
7	ISOBUTANE	109	9527	3.71	5.1
8	N-BUTANE	125	30821	12.01	16.6
9	1-BUTENE	167	1823	0.70	0.9
10	ISOBUTYLENE + T-2-BUTENE	196	3957	1.54	2.1
11	ISOPENTANE	236	53593	20.89	28.9
12	N-PENTANE	268	25487	9.93	13.7
13	CYCLOPENTANE	298	1759	0.68	0.9
14	1-PENTENE	345	166	0.06	0.0
15	HEXANES	536	48208	18.79	26.0

READY

METHANE - 2.07 PPM

*

SAMPLE DATE 11/06/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1247 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 6, 1500' — PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13880	8.39	7.2	
2	ETHYLENE	45	12200	7.38	6.4	
3	ACETYLENE	51	13851	8.38	7.2	
4	PROPANE	66	12023	7.27	6.3	
5	PROPYLENE	79	3153	1.90	1.6	
6	ISOBUTANE	109	7550	4.56	3.9	
7	N-BUTANE	125	22054	13.34	11.6	
8	1-BUTENE	167	680	0.40	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1132	0.68	0.5	
10	ISOPENTANE	236	33960	20.55	17.8	
11	N-PENTANE	268	15634	9.46	8.2	
12	CYCLOPENTANE	298	1260	0.75	0.6	
13	1-PENTENE	345	460	0.27	0.2	
14	HEXANES	536	27396	16.58	14.4	

READY

METHANE - 1.73 PPM

*

SAMPLE DATE 11/06/73

SAMPLE ID A3,GC-660, 1256 HRS.

SAMPLE NAME SMOG#3,BAG 7, 1300'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13723	8.15	7.1	
2	ETHYLENE	45	11014	6.54	5.7	
3	ACETYLENE	51	13744	8.16	7.2	
4	PROPANE	66	12176	7.23	6.4	
5	PROPYLENE	79	2899	1.72	1.4	
6	ISOBUTANE	109	7834	4.65	4.1	
7	N-BUTANE	125	22744	13.51	12.0	
8	1-BUTENE	167	718	0.42	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1252	0.74	0.6	
10	ISOPENTANE	236	32639	19.39	17.2	
11	N-PENTANE	268	15301	9.09	8.0	
12	CYCLOPENTANE	298	1599	0.94	0.7	
13	1-PENTENE	345	389	0.22	0.1	
14	HEXANES	536	32255	19.16	17.0	

READY

METHANE - 1.77 PPM

*

SAMPLE DATE 11/06/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1304 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 8, 1000' PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	18049	8.19	9.5	
2	ETHYLENE	45	14750	6.69	7.7	
3	ACETYLENE	51	17431	7.91	9.2	
4	PROPANE	66	15464	7.01	8.1	
5	PROPYLENE	79	6216	2.81	3.2	
6	PROPADIENE	93	446	0.20	0.2	
7	ISOBUTANE	109	9585	4.34	5.0	
8	N-BUTANE	125	28492	12.93	15.0	
9	1-BUTENE	167	1316	0.59	0.6	
10	ISOBUTYLENE + T-2-BUTENE	196	2318	1.04	1.1	
11	ISOPENTANE	236	49755	22.57	26.2	
12	N-PENTANE	268	24732	11.22	13.0	
13	CYCLOPENTANE	298	2276	1.03	1.1	
14	1-PENTENE	345	973	0.43	0.4	
15	HEXANES	536	28538	12.95	15.0	

READY

METHANE - 1.85 PPM

*

SAMPLE DATE 11/06/73 | GC CHANNEL 1

SAMPLE ID A3,GC-660, 1311 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 9, 700' | PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	18001	9.51	9.4	
2	ETHYLENE	45	13210	6.97	6.9	
3	ACETYLENE	51	15716	8.30	8.2	
4	PROPANE	66	15419	8.14	8.1	
5	PROPYLENE	79	4452	2.34	2.3	
6	PROPADIENE	93	310	0.16	0.1	
7	ISOBUTANE	109	8794	4.64	4.6	
8	N-BUTANE	125	25801	13.63	13.5	
9	1-BUTENE	167	687	0.36	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	1436	0.75	0.7	
11	ISOPENTANE	236	38188	20.17	20.1	
12	N-PENTANE	268	18613	9.83	9.8	
13	CYCLOPENTANE	298	1391	0.73	0.7	
14	1-PENTENE	345	738	0.38	0.3	
15	HEXANES	536	26478	13.98	13.9	

READY

METHANE - 1.83 PPM

*

SAMPLE DATE 11/06/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1319 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 10, 900' PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	34355	7.35	9.1	
2	ETHYLENE	45	40037	8.57	10.6	
3	ACETYLENE	51	27639	5.92	7.3	
4	PROPANE	66	29176	6.24	7.7	
5	PROPYLENE	79	5880	1.25	1.5	
6	PROPADIENE	93	313	0.06	0.0	
7	ISOBUTANE	109	18125	3.88	4.8	
8	N-BUTANE	125	51308	10.98	13.6	
9	1-BUTENE	167	2257	0.48	0.5	
10	ISOBUTYLENE + T-2-BUTENE	196	3484	0.74	0.9	
11	ISOPENTANE	236	88289	18.91	23.4	
12	N-PENTANE	268	44322	9.49	11.7	
13	CYCLOPENTANE	298	6383	1.36	1.6	
14	1-PENTENE	345	2663	0.56	0.7	
15	HEXANES	536	112597	24.11	29.8	

READY

METHANE - 1.88 PPM

SAMPLE DATE 11/06/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0739 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	28124	9.05	14.8
2	ETHYLENE	45	22306	7.18	11.7
3	ACETYLENE	51	28097	9.04	14.8
4	PROPANE	66	23918	7.69	12.5
5	PROPYLENE	79	10741	3.45	5.6
6	PROPADIENE	93	910	0.29	0.4
7	ISOBUTANE	109	11168	3.59	5.8
8	N-BUTANE	125	38232	12.31	20.1
9	1-BUTENE	167	2163	0.69	1.0
10	ISOBUTYLENE + T-2-BUTENE	196	4814	1.54	2.5
11	ISOPENTANE	236	64298	20.70	33.9
12	N-PENTANE	268	28359	9.13	15.0
13	CYCLOPENTANE	298	2433	0.78	1.2
14	1-PENTENE	345	972	0.31	0.4
15	HEXANES	536	43999	14.16	23.2

READY

METHANE - 2.44 PPM

SAMPLE DATE 11/06/73

SAMPLE ID A3,GC-660, 0839 HRS.

SAMPLE NAME ARB VAN, LOS ANGELES

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	32482	12.25	17.1
2	ETHYLENE	45	18604	7.01	9.7
3	ACETYLENE	51	24634	9.29	12.9
4	PROPANE	66	19353	7.29	10.2
5	PROPYLENE	79	9216	3.47	4.8
6	PROPADIENE	93	768	0.28	0.3
7	ISOBUTANE	109	10094	3.80	5.3
8	N-BUTANE	125	31027	11.70	16.4
9	1-BUTENE	167	1681	0.63	0.8
10	ISOBUTYLENE + T-2-BUTENE	196	3753	1.41	1.9
11	ISOPENTANE	236	53030	20.00	28.0
12	N-PENTANE	268	22544	8.50	11.8
13	CYCLOPENTANE	298	1420	0.53	0.7
14	1-PENTENE	345	169	0.06	0.0
15	HEXANES	536	36264	13.68	19.1

READY

METHANE - 2.41 PPM

*

SAMPLE DATE 11/06/73 | GC CHANNEL 1

SAMPLE ID A3,GC-660, 0954 HRS. | REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES | PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	14276	10.06	7.5
2	ETHYLENE	45	9847	6.94	5.1
3	ACETYLENE	51	12451	8.77	6.5
4	PROPANE	66	12278	8.65	6.4
5	PROPYLENE	79	3403	2.39	1.7
6	PROPADIENE	93	152	0.10	0.0
7	ISOBUTANE	109	6172	4.35	3.2
8	N-BUTANE	125	17964	12.67	9.4
9	1-BUTENE	167	480	0.33	0.2
10	ISOBUTYLENE + T-2-BUTENE	196	954	0.67	0.4
11	ISOPENTANE	236	31957	22.54	16.8
12	N-PENTANE	268	14141	9.97	7.4
13	CYCLOPENTANE	298	287	0.20	0.0
14	1-PENTENE	345	167	0.11	0.0
15	HEXANES	536	17243	12.16	9.0

READY

METHANE - 1.73 PPM

*

SAMPLE DATE 11/06/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1108 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13569	7.56	7.1	
2	ETHYLENE	45	9864	5.49	5.1	
3	ACETYLENE	51	12620	7.03	6.6	
4	PROPANE	66	14782	8.23	7.8	
5	PROPYLENE	79	3150	1.75	1.6	
6	ISOBUTANE	109	9525	5.30	5.0	
7	N-BUTANE	125	23272	12.96	12.2	
8	1-BUTENE	167	445	0.24	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	806	0.44	0.3	
10	ISOPENTANE	236	45564	25.39	24.0	
11	N-PENTANE	268	17894	9.97	9.4	
12	CYCLOPENTANE	298	568	0.31	0.2	
13	1-PENTENE	345	57	0.03	0.0	
14	HEXANES	536	27302	15.21	14.3	

READY

METHANE - 1.70 PPM

*

SAMPLE DATE 11/06/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1209 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	31851	6.64	8.4	
2	ETHYLENE	45	31468	6.56	8.3	
3	ACETYLENE	51	29104	6.06	7.7	
4	PROPANE	66	27691	5.77	7.3	
5	PROPYLENE	79	6388	1.33	1.6	
6	PROPADIENE	93	243	0.04	0.0	
7	ISOBUTANE	109	17959	3.74	4.7	
8	N-BUTANE	125	64216	13.39	17.0	
9	1-BUTENE	167	1960	0.40	0.5	
10	ISOBUTYLENE + T-2-BUTENE	196	2916	0.60	0.7	
11	ISOPENTANE	236	87744	18.29	23.2	
12	N-PENTANE	268	40516	8.45	10.7	
13	CYCLOPENTANE	298	5983	1.24	1.5	
14	1-PENTENE	345	3738	0.77	0.9	
15	HEXANES	536	127682	26.62	33.8	

READY

METHANE - 1.83 PPM

*

SAMPLE DATE 11/06/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1303 HRS. — REF. PEAK TIME 125

SAMPLE NAME ARB VAN, GLENDALE — PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	23827	7.21	6.3	
2	ETHYLENE	45	24039	7.28	6.3	
3	ACETYLENE	51	25967	7.86	6.8	
4	PROPANE	66	21318	6.45	5.6	
5	PROPYLENE	79	4205	1.27	1.1	
6	ISOBUTANE	109	12109	3.66	3.2	
7	N-BUTANE	125	40606	12.29	10.7	
8	1-BUTENE	167	1028	0.31	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	1776	0.53	0.4	
10	ISOPENTANE	236	60132	18.21	15.9	
11	N-PENTANE	268	28146	8.52	7.4	
12	CYCLOPENTANE	298	4223	1.27	1.1	
13	1-PENTENE	345	1677	0.50	0.4	
14	HEXANES	536	81067	24.55	21.5	

READY

METHANE - 1.71 PPM

*

SAMPLE DATE 11/07/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1021 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 1, 1000' — PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	50585	8.66	13.4
2	ETHYLENE	45	47447	8.12	12.5
3	ACETYLENE	51	44553	7.62	11.8
4	PROPANE	66	50336	8.62	13.3
5	PROPYLENE	79	9310	1.59	2.4
6	PROPADIENE	93	143	0.02	0.0
7	ISOBUTANE	109	25386	4.34	6.7
8	N-BUTANE	125	72865	12.48	19.3
9	1-BUTENE	167	2714	0.46	0.7
10	ISOBUTYLENE + T-2-BUTENE	196	3622	0.61	0.9
11	ISOPENTANE	236	98441	16.86	26.1
12	N-PENTANE	268	44916	7.69	11.9
13	CYCLOPENTANE	298	6325	1.08	1.6
14	1-PENTENE	345	1412	0.24	0.3
15	HEXANES	536	125683	21.53	33.3

READY

METHANE - 2.18 PPM

*

SAMPLE DATE 11/07/73

SAMPLE ID A3,GC-202, 1042 HRS.

SAMPLE NAME SMOG#2,BAG 2, 1050'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	39643	7.86	10.5	
2	ETHYLENE	45	39647	7.86	10.5	
3	ACETYLENE	51	40969	8.12	10.8	
4	PROPANE	66	42452	8.41	11.2	
5	PROPYLENE	79	7440	1.47	1.9	
6	PROPADIENE	93	630	0.12	0.1	
7	ISOBUTANE	109	22245	4.40	5.8	
8	N-BUTANE	125	61401	12.17	16.2	
9	1-BUTENE	167	2261	0.44	0.5	
10	ISOBUTYLENE + T-2-BUTENE	196	3274	0.64	0.8	
11	ISOPENTANE	236	87187	17.28	23.1	
12	N-PENTANE	268	39705	7.87	10.5	
13	CYCLOPENTANE	298	6907	1.36	1.8	
14	1-PENTENE	345	1591	0.31	0.4	
15	HEXANES	536	108881	21.59	28.8	

READY

METHANE - 2.24 PPM

*

SAMPLE DATE 11/07/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 1049 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 3, 850' | PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	42651	8.80	11.3	
2	ETHYLENE	45	38857	8.02	10.3	
3	ACETYLENE	51	38698	7.98	10.2	
4	PROPANE	66	41541	8.57	11.0	
5	PROPYLENE	79	6268	1.29	1.6	
6	PROPADIENE	93	455	0.09	0.1	
7	ISOBUTANE	109	21171	4.36	5.6	
8	N-BUTANE	125	58410	12.05	15.4	
9	1-BUTENE	167	1807	0.37	0.4	
10	ISOBUTYLENE + T-2-BUTENE	196	2854	0.58	0.7	
11	ISOPENTANE	236	82706	17.06	21.9	
12	N-PENTANE	268	39067	8.06	10.3	
13	CYCLOPENTANE	298	4948	1.01	1.3	
14	1-PENTENE	345	2180	0.44	0.5	
15	HEXANES	536	102869	21.23	27.2	

READY

METHANE - 2.18 PPM

*

SAMPLE DATE 11/07/73

SAMPLE ID A3,GC-202, 1057 HRS.

SAMPLE NAME SMOG#2,BAG 4, 1400'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

INO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	30536	8.27	8.1
2	ETHYLENE	45	34926	9.46	9.2
3	ACETYLENE	51	26761	7.25	7.0
4	PROPANE	66	41508	11.24	11.0
5	PROPYLENE	79	5371	1.45	1.4
6	ISOBUTANE	109	20822	5.64	5.5
7	N-BUTANE	125	52911	14.34	14.0
8	1-BUTENE	167	1730	0.46	0.4
9	ISOBUTYLENE + T-2-BUTENE	196	3169	0.85	0.8
10	ISOPENTANE	236	76010	20.60	20.1
11	N-PENTANE	268	45514	12.33	12.0
12	CYCLOPENTANE	298	5147	1.39	1.3
13	1-PENTENE	345	1593	0.43	0.4
14	HEXANES	536	22915	6.21	6.0

READY

METHANE - 2.15 PPM

*

SAMPLE DATE 11/07/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 1104 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 5, 1700' | PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	36467	8.60	9.4	
2	ETHYLENE	45	30280	7.14	7.8	
3	ACETYLENE	51	33702	7.95	8.7	
4	PROPANE	66	39586	9.34	10.2	
5	PROPYLENE	79	6762	1.59	1.7	
6	PROPADIENE	93	380	0.08	0.0	
7	ISOBUTANE	109	19278	4.55	4.9	
8	N-BUTANE	125	60767	14.34	15.7	
9	1-BUTENE	167	1349	0.31	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	2368	0.55	0.6	
11	ISOPENTANE	236	67959	16.04	17.5	
12	N-PENTANE	268	34441	8.12	8.8	
13	CYCLOPENTANE	298	5379	1.26	1.3	
14	1-PENTENE	345	638	0.14	0.1	
15	HEXANES	536	84133	19.86	21.7	

READY

METHANE - 2.03 PPM

*

SAMPLE DATE 11/07/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1411 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 6, 1500' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13159	10.36	3.3	
2	ETHYLENE	45	7641	6.02	1.9	
3	ACETYLENE	51	9750	7.68	2.5	
4	PROPANE	66	9871	7.77	2.5	
5	PROPYLENE	79	342	0.26	0.0	
6	ISOBUTANE	109	7243	5.70	1.8	
7	N-BUTANE	125	18775	14.79	4.8	
8	1-BUTENE	167	110	0.08	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	215	0.16	0.0	
10	ISOPENTANE	236	21505	16.94	5.5	
11	N-PENTANE	268	10102	7.96	2.6	
12	CYCLOPENTANE	298	1346	1.05	0.3	
13	HEXANES	536	26812	21.13	6.9	

READY

METHANE - 1.72 PPM

*

SAMPLE DATE 11/07/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1418 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 7, 2500' PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	32014	9.57	8.2
2	ETHYLENE	45	23526	7.03	6.0
3	ACETYLENE	51	19083	5.70	4.9
4	PROPANE	66	30566	9.14	7.8
5	PROPYLENE	79	4305	1.28	1.1
6	PROPADIENE	93	142	0.03	0.0
7	ISOBUTANE	109	16728	5.00	4.3
8	N-BUTANE	125	42436	12.69	10.9
9	1-BUTENE	167	1002	0.29	0.2
10	ISOBUTYLENE + T-2-BUTENE	196	2435	0.72	0.6
11	ISOPENTANE	236	54504	16.30	14.0
12	N-PENTANE	268	33205	9.93	8.5
13	CYCLOPENTANE	298	4373	1.30	1.1
14	1-PENTENE	345	824	0.24	0.2
15	HEXANES	536	69059	20.66	17.8

1AFY

METHANE - 2.15 PPM

*

SAMPLE DATE 11/07/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1422 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 8, 3500' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7620	10.81	1.9	
2	ETHYLENE	45	3084	4.37	0.7	
3	ACETYLENE	51	4482	6.36	1.1	
4	PROPANE	66	6942	9.85	1.7	
5	PROPYLENE	79	331	0.46	0.0	
6	ISOBUTANE	109	4152	5.89	1.0	
7	N-BUTANE	125	10304	14.62	2.6	
8	1-BUTENE	167	121	0.17	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	171	0.24	0.0	
10	ISOPENTANE	236	11088	15.74	2.8	
11	N-PENTANE	268	5321	7.55	1.3	
12	CYCLOPENTANE	298	604	0.85	0.1	
13	HEXANES	536	16218	23.02	4.1	

READY

METHANE - 1.57 PPM

*

SAMPLE DATE 11/07/73

SAMPLE ID A3,GC-202, 1427 HRS.

SAMPLE NAME SMOG#2,BAG 9, 4500'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 1

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8712	14.75	2.2	
2	ETHYLENE	45	5921	10.02	1.5	
3	ACETYLENE	51	3976	6.73	1.0	
4	PROPANE	66	5293	8.96	1.3	
5	PROPYLENE	79	2161	3.65	0.5	
6	PROPADIENE	93	148	0.25	0.0	
7	ISOBUTANE	109	3354	5.67	0.8	
8	N-BUTANE	125	8136	13.78	2.1	
9	1-BUTENE	167	184	0.31	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	234	0.39	0.0	
11	ISOPENTANE	236	8685	14.71	2.2	
12	N-PENTANE	268	4913	8.32	1.2	
13	HEXANES	536	7312	12.38	1.8	

READY

METHANE - 1.54 PPM

*

SAMPLE DATE 11/07/73 | GC CHANNEL 1
SAMPLE ID A3,GC-202, 1434 HRS. | REF. PEAK TIME 125
SAMPLE NAME SMOG#2,BAG 10, 5500' | PK NO BIG AREA 13
PK NO REF PEAK 7

NO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14613	9.60	3.7	
2	ETHYLENE	45	14996	9.85	3.8	
3	ACETYLENE	51	9989	6.56	2.5	
4	PROPANE	66	15258	10.02	3.9	
5	PROPYLENE	79	1033	0.67	0.2	
6	ISOBUTANE	109	6508	4.27	1.6	
7	N-BUTANE	125	18112	11.90	4.6	
8	1-BUTENE	167	329	0.21	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	933	0.61	0.2	
10	ISOPENTANE	236	24516	16.11	6.3	
11	N-PENTANE	268	13147	8.63	3.3	
12	CYCLOPENTANE	298	1557	1.02	0.3	
13	HEXANES	536	31173	20.48	8.0	

READY

METHANE - 1.69 PPM

*

SAMPLE DATE	11/07/73	GC CHANNEL	1
SAMPLE ID	A3,GC-660, 0908 HRS.	REF. PEAK TIME	125
SAMPLE NAME	SMOG#3,BAG 1	PK NO BIG AREA	11
		PK NO REF PEAK	8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	26244	10.72	13.8	
2	ETHYLENE	45	17393	7.11	9.1	
3	ACETYLENE	51	19687	8.04	10.3	
4	PROPANE	66	29221	11.94	15.3	
5	PROPYLENE	79	7130	2.91	3.7	
6	PROPADIENE	93	493	0.20	0.2	
7	ISOBUTANE	109	13823	5.64	7.2	
8	N-BUTANE	125	33206	13.57	17.5	
9	1-BUTENE	167	1036	0.42	0.5	
10	ISOBUTYLENE + T-2-BUTENE	196	2129	0.86	1.0	
11	ISOPENTANE	236	43070	17.60	22.7	
12	N-PENTANE	268	21268	8.69	11.2	
13	CYCLOPENTANE	298	620	0.25	0.3	
14	1-PENTENE	345	612	0.24	0.3	
15	HEXANES	536	28653	11.71	15.1	

READY

METHANE - 2.38 PPM

*

SAMPLE DATE 11/07/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0920 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 2 PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	26782	9.84	14.1
2	ETHYLENE	45	18542	6.81	9.7
3	ACETYLENE	51	22225	8.16	11.7
4	PROPANE	66	30086	11.05	15.8
5	PROPYLENE	79	7487	2.75	3.9
6	ISOBUTANE	109	14273	5.24	7.5
7	N-BUTANE	125	35145	12.92	18.5
8	1-BUTENE	167	1674	0.61	0.8
9	ISOBUTYLENE + T-2-BUTENE	196	3150	1.15	1.6
10	ISOPENTANE	236	51175	18.81	27.0
11	N-PENTANE	268	26213	9.63	13.8
12	CYCLOPENTANE	298	2998	1.10	1.5
13	1-PENTENE	345	568	0.20	0.2
14	HEXANES	536	31653	11.63	16.7

READY

METHANE - 2.15 PPM

SAMPLE DATE 11/07/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0927 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 3 PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	25066	9.64	12.8	
2	ETHYLENE	45	20108	7.73	10.3	
3	ACETYLENE	51	20579	7.91	10.5	
4	PROPANE	66	28759	11.06	14.7	
5	PROPYLENE	79	7157	2.75	3.6	
6	ISOBUTANE	109	14228	5.47	7.2	
7	N-BUTANE	125	34924	13.44	17.8	
8	1-BUTENE	167	1433	0.54	0.7	
9	ISOBUTYLENE + T-2-BUTENE	196	2777	1.06	1.4	
10	ISOPENTANE	236	49832	19.18	25.6	
11	N-PENTANE	268	30648	11.79	15.7	
12	CYCLOPENTANE	298	4377	1.68	2.1	
13	1-PENTENE	345	435	0.16	0.1	
14	HEXANES	536	19463	7.48	10.0	

READY

METHANE - 2.39 PPM

SAMPLE DATE 11/07/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0935 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 4 PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	24150	8.98	12.4	
2	ETHYLENE	45	20445	7.60	10.4	
3	ACETYLENE	51	21424	7.97	11.0	
4	PROPANE	66	28056	10.44	14.3	
5	PROPYLENE	79	6741	2.50	3.4	
6	ISOBUTANE	109	15488	5.76	7.8	
7	N-BUTANE	125	40914	15.22	21.0	
8	1-BUTENE	167	1593	0.59	0.7	
9	ISOBUTYLENE + T-2-BUTENE	196	2667	0.99	1.3	
10	ISOPENTANE	236	53317	19.84	27.4	
11	N-PENTANE	268	24799	9.22	12.7	
12	CYCLOPENTANE	298	1960	0.72	0.9	
13	1-PENTENE	345	299	0.10	0.0	
14	HEXANES	536	26789	9.97	13.7	

READY

METHANE - 2.21 PPM

*

SAMPLE DATE 11/07/73 — GC CHANNEL 1

SAMPLE ID A3,GC-66C, 0942 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 5 — PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	24382	8.24	12.5	
2	ETHYLENE	45	19443	6.57	10.0	
3	ACETYLENE	51	20813	7.03	10.7	
4	PROPANE	66	27796	9.40	14.2	
5	PROPYLENE	79	7071	2.38	3.5	
6	ISOBUTANE	109	15507	5.24	7.9	
7	N-BUTANE	125	39841	13.47	20.4	
8	1-BUTENE	167	1408	0.47	0.7	
9	ISOBUTYLENE + T-2-BUTENE	196	2561	0.86	1.2	
10	ISOPENTANE	236	51611	17.45	26.4	
11	N-PENTANE	268	26907	9.10	13.8	
12	CYCLOPENTANE	298	3412	1.15	1.7	
13	1-PENTENE	345	758	0.25	0.3	
14	HEXANES	536	54114	18.30	27.8	

READY

METHANE - 2.36 PPM

*

SAMPLE DATE 11/07/73 GC CHANNEL 1

SAMPLE ID A3,GC-66C, 1214 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 6, 1000' PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10200	10.48	5.2	
2	ETHYLENE	45	5834	5.99	2.9	
3	ACETYLENE	51	7628	7.83	3.9	
4	PROPANE	66	11074	11.38	5.6	
5	PROPYLENE	79	965	0.99	0.4	
6	PROPADIENE	93	77	0.07	0.0	
7	ISOBUTANE	109	5519	5.67	2.8	
8	N-BUTANE	125	13698	14.08	7.0	
9	1-BUTENE	167	229	0.23	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	482	0.49	0.2	
11	ISOPENTANE	236	17926	18.42	9.2	
12	N-PENTANE	268	8906	9.15	4.5	
13	CYCLOPENTANE	298	699	0.71	0.3	
14	1-PENTENE	345	92	0.09	0.0	
15	HEXANES	536	13942	14.33	7.1	

READY

METHANE - 1.84 PPM

*

SAMPLE DATE 11/07/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1220 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 7, 1500' PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11309	12.25	5.7	
2	ETHYLENE	45	5488	5.94	2.8	
3	ACETYLENE	51	8005	8.67	4.0	
4	PROPANE	66	11905	12.90	6.0	
5	PROPYLENE	79	1141	1.23	0.5	
6	PROPADIENE	93	119	0.12	0.0	
7	ISOBUTANE	109	5898	6.39	2.9	
8	N-BUTANE	125	14076	15.25	7.1	
9	1-BUTENE	167	108	0.11	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	179	0.19	0.0	
11	ISOPENTANE	236	16448	17.83	8.4	
12	N-PENTANE	268	6340	6.87	3.2	
13	CYCLOPENTANE	298	91	0.09	0.0	
14	HEXANES	536	11125	12.06	5.7	

READY

METHANE - 1.94 PPM

*

SAMPLE DATE 11/07/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1224 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 8, 2000' PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10558	11.01	5.3	
2	ETHYLENE	45	4925	5.13	2.5	
3	ACETYLENE	51	7328	7.64	3.7	
4	PROPANE	66	11201	11.68	5.7	
5	PROPYLENE	79	1034	1.07	0.4	
6	ISOBUTANE	109	5642	5.88	2.8	
7	N-BUTANE	125	13207	13.77	6.7	
8	1-BUTENE	167	227	0.23	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	611	0.63	0.3	
10	ISOPENTANE	236	17578	18.33	8.9	
11	N-PENTANE	268	8770	9.14	4.4	
12	HEXANES	536	14796	15.42	7.5	

READY

METHANE - 1.80 PPM

*

SAMPLE DATE 11/07/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1227 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 9, 2500' PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7970	14.05	4.0	
2	ETHYLENE	45	3189	5.62	1.5	
3	ACETYLENE	51	5152	9.08	2.5	
4	PROPANE	66	7887	13.90	3.9	
5	PROPYLENE	79	336	0.59	0.1	
6	ISOBUTANE	109	3869	6.82	1.9	
7	N-BUTANE	125	8655	15.26	4.3	
8	1-BUTENE	167	44	0.07	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	50	0.08	0.0	
10	ISOPENTANE	236	9838	17.35	5.0	
11	N-PENTANE	268	4712	8.30	2.4	
12	CYCLOPENTANE	298	161	0.28	0.0	
13	1-PENTENE	345	175	0.30	0.0	
14	HEXANES	536	4652	8.20	2.3	

READY

METHANE - 1.71 PPM

*

SAMPLE DATE 11/07/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1231 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 10, 3000' PK NO BIG AREA 1

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4057	20.37	2.1	
2	ETHYLENE	45	1259	6.32	0.6	
3	ACETYLENE	51	2706	13.58	1.4	
4	PROPANE	66	2591	13.01	1.4	
5	PROPYLENE	79	284	1.42	0.1	
6	ISOBUTANE	109	1061	5.32	0.5	
7	N-BUTANE	125	3170	15.91	1.7	
8	ISOBUTYLENE + T-2-BUTENE	196	226	1.13	0.0	
9	ISOPENTANE	236	3304	16.59	1.7	
10	N-PENTANE	268	1253	6.29	0.6	

READY

METHANE - 1.50 PPM

*

SAMPLE DATE	11/07/73	GC CHANNEL	1
SAMPLE ID	A3,GC-202, 0800 HRS.	REF. PEAK TIME	125
SAMPLE NAME	ARB VAN, LOS ANGELES	PK NO BIG AREA	15
		PK NO REF PEAK	8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	45001	8.23	11.9	
2	ETHYLENE	45	45145	8.26	11.9	
3	ACETYLENE	51	43168	7.89	11.4	
4	PROPANE	66	63814	11.67	16.9	
5	PROPYLENE	79	13025	2.38	3.4	
6	PROPADIENE	93	212	0.03	0.0	
7	ISOBUTANE	109	17958	3.28	4.7	
8	N-BUTANE	125	50099	9.16	13.2	
9	1-BUTENE	167	3193	0.58	0.8	
10	ISOBUTYLENE + T-2-BUTENE	196	5061	0.92	1.3	
11	ISOPENTANE	236	81398	14.89	21.5	
12	N-PENTANE	268	38336	7.01	10.1	
13	CYCLOPENTANE	298	6230	1.13	1.6	
14	1-PENTENE	345	3394	0.61	0.8	
15	HEXANES	536	130381	23.85	34.5	

READY

METHANE - 2.30 PPM

*

SAMPLE DATE 11/07/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0954 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	57804	6.66	15.3
2	ETHYLENE	45	60745	7.00	16.1
3	ACETYLENE	51	49481	5.70	13.1
4	PROPANE	66	65883	7.59	17.4
5	PROPYLENE	79	16144	1.86	4.2
6	PROPADIENE	93	705	0.07	0.1
7	ISOBUTANE	109	36306	4.18	9.6
8	N-BUTANE	125	102488	11.81	27.1
9	1-BUTENE	167	4635	0.53	1.2
10	ISOBUTYLENE + T-2-BUTENE	196	6953	0.79	1.8
11	ISOPENTANE	236	154190	17.77	40.9
12	N-PENTANE	268	86407	9.96	22.9
13	CYCLOPENTANE	298	9451	1.08	2.5
14	1-PENTENE	345	3930	0.45	1.0
15	HEXANES	536	211965	24.44	56.2

READY

METHANE - 2.24 PPM

*

SAMPLE DATE 11/07/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1100 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	64637	8.21	17.1
2	ETHYLENE	45	51201	6.50	13.5
3	ACETYLENE	51	62072	7.89	16.4
4	PROPANE	66	58844	7.47	15.6
5	PROPYLENE	79	14734	1.87	3.9
6	ISOBUTANE	109	32810	4.16	8.7
7	N-BUTANE	125	89530	11.38	23.7
8	1-BUTENE	167	4016	0.50	1.0
9	ISOBUTYLENE + T-2-BUTENE	196	6448	0.81	1.7
10	ISOPENTANE	236	145812	18.53	38.6
11	N-PENTANE	268	63377	8.05	16.8
12	CYCLOPENTANE	298	8713	1.10	2.3
13	1-PENTENE	345	2721	0.34	0.7
14	HEXANES	536	181618	23.08	48.1

READY

METHANE - 2.35 PPM

*

SAMPLE DATE 11/07/73

SAMPLE ID A3,GC-202, 1210 HRS.

SAMPLE NAME ARB VAN, LOS ANGELES

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	36956	6.75	9.8	
2	ETHYLENE	45	36503	6.66	9.6	
3	ACETYLENE	51	38285	6.99	10.1	
4	PROPANE	66	44237	8.08	11.7	
5	PROPYLENE	79	7156	1.30	1.8	
6	PROPADIENE	93	276	0.04	0.0	
7	ISOBUTANE	109	20226	3.69	5.3	
8	N-BUTANE	125	51783	9.46	13.7	
9	1-BUTENE	167	2385	0.43	0.6	
10	ISOBUTYLENE + T-2-BUTENE	196	3290	0.59	0.8	
11	ISOPENTANE	236	98366	17.97	26.0	
12	N-PENTANE	268	45619	8.33	12.1	
13	CYCLOPENTANE	298	6665	1.21	1.7	
14	1-PENTENE	345	1875	0.34	0.4	
15	HEXANES	536	153710	28.08	40.7	

READY

METHANE - 1.98 PPM

*

SAMPLE DATE 11/07/73

SAMPLE ID A3,GC-202, 1300 HRS.

SAMPLE NAME ARB VAN, SAN MARINO

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	30505	6.25	8.0
2	ETHYLENE	45	35287	7.22	9.3
3	ACETYLENE	51	35706	7.31	9.4
4	PROPANE	66	28177	5.77	7.4
5	PROPYLENE	79	7627	1.56	2.0
6	PROPADIENE	93	147	0.02	0.0
7	ISOBUTANE	109	14572	2.98	3.8
8	N-BUTANE	125	43830	8.98	11.6
9	1-BUTENE	167	2133	0.43	0.5
10	ISOBUTYLENE + T-2-BUTENE	196	4536	0.92	1.2
11	ISOPENTANE	236	95447	19.55	25.3
12	N-PENTANE	268	42994	8.80	11.4
13	CYCLOPENTANE	298	6438	1.31	1.7
14	1-PENTENE	345	4886	1.00	1.2
15	HEXANES	536	135716	27.80	36.0

READY

METHANE - 1.99 PPM

*

SAMPLE DATE 11/07/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1435 HRS. — REF. PEAK TIME 125

SAMPLE NAME ARB VAN, DUARTE — PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	33544	8.52	8.8	
2	ETHYLENE	45	21853	5.55	5.7	
3	ACETYLENE	51	20906	5.31	5.5	
4	PROPANE	66	32120	8.16	8.5	
5	PROPYLENE	79	4021	1.02	1.0	
6	ISOBUTANE	109	17229	4.37	4.5	
7	N-BUTANE	125	42177	10.72	11.1	
8	1-BUTENE	167	905	0.22	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	1970	0.50	0.5	
10	ISOPENTANE	236	74592	18.96	19.7	
11	N-PENTANE	268	34929	8.88	9.2	
12	CYCLOPENTANE	298	4671	1.18	1.2	
13	1-PENTENE	345	1427	0.36	0.3	
14	HEXANES	536	102950	26.17	27.3	

READY

METHANE - 2.02 PPM

SAMPLE DATE 11/08/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1238 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 1, 400' PK NO BIG AREA 4

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	15152	12.06	7.7	
2	ETHYLENE	45	7888	6.28	3.9	
3	ACETYLENE	51	6869	5.47	3.5	
4	PROPANE	66	20200	16.09	10.3	
5	PROPYLENE	79	2881	2.29	1.4	
6	ISOBUTANE	109	10786	8.59	5.5	
7	N-BUTANE	125	19730	15.71	10.0	
8	1-BUTENE	167	730	0.57	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	543	0.43	0.2	
10	ISOPENTANE	236	18132	14.44	9.2	
11	N-PENTANE	268	8779	6.99	4.4	
12	HEXANES	536	13819	11.00	7.0	

READY

METHANE - 1.79 PPM

SAMPLE DATE 11/08/73

SAMPLE ID A3,GC-660, 1248 HRS.

SAMPLE NAME SMOG#2,BAG 2, 300'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 4

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	10054	12.22	5.1
2	ETHYLENE	45	2975	3.61	1.4
3	ACETYLENE	51	3029	3.68	1.4
4	PROPANE	66	16032	19.49	8.2
5	PROPYLENE	79	641	0.77	0.3
6	ISOBUTANE	109	6292	7.65	3.2
7	N-BUTANE	125	12879	15.66	6.5
8	1-BUTENE	167	275	0.33	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	221	0.26	0.0
10	ISOPENTANE	236	11892	14.46	6.0
11	N-PENTANE	268	7705	9.36	3.9
12	CYCLOPENTANE	298	666	0.80	0.3
13	HEXANES	536	9557	11.62	4.8

READY

METHANE - 1.51 PPM

*

SAMPLE DATE 11/08/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1258 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 3, 300' — PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	16932	11.19	8.6	
2	ETHYLENE	45	9052	5.98	4.6	
3	ACETYLENE	51	9037	5.97	4.6	
4	PROPANE	66	23450	15.49	12.0	
5	PROPYLENE	79	3150	2.08	1.5	
6	PROPADIENE	93	176	0.11	0.0	
7	ISOBUTANE	109	10137	6.69	5.1	
8	N-BUTANE	125	22656	14.97	11.6	
9	1-BUTENE	167	149	0.09	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	568	0.37	0.2	
11	ISOPENTANE	236	23664	15.64	12.1	
12	N-PENTANE	268	11467	7.57	5.8	
13	CYCLOPENTANE	298	252	0.16	0.0	
14	HEXANES	536	20598	13.61	10.5	

READY

METHANE - 1.82 PPM

*

SAMPLE DATE 11/08/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1329 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4, 1000' PK NO BIG AREA 4

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	21629	14.05	11.0
2	ETHYLENE	45	6917	4.49	3.5
3	ACETYLENE	51	9746	6.33	5.0
4	PROPANE	66	25138	16.33	12.8
5	PROPYLENE	79	1309	0.84	0.6
6	ISOBUTANE	109	9741	6.32	5.0
7	N-BUTANE	125	23035	14.96	11.7
8	1-BUTENE	167	46	0.02	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	181	0.11	0.0
10	ISOPENTANE	236	23573	15.31	12.1
11	N-PENTANE	268	11320	7.35	5.7
12	CYCLOPENTANE	298	647	0.41	0.3
13	HEXANES	536	20614	13.39	10.5

READY

METHANE - 1.90 PPM

*

SAMPLE DATE 11/08/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1348 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 5, 600' PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	20612	10.04	10.5
2	ETHYLENE	45	12440	6.06	6.3
3	ACETYLENE	51	14150	6.89	7.2
4	PROPANE	66	27468	13.38	14.0
5	PROPYLENE	79	3711	1.80	1.8
6	ISOBUTANE	109	13362	6.51	6.7
7	N-BUTANE	125	30574	14.39	15.7
8	1-BUTENE	167	400	0.19	0.1
9	ISOBUTYLENE + T-2-BUTENE	196	621	0.30	0.3
10	ISOPENTANE	236	35036	17.07	17.9
11	N-PENTANE	268	17811	8.67	9.1
12	CYCLOPENTANE	298	1371	0.66	0.7
13	HEXANES	536	27615	13.45	14.1

READY

METHANE - 1.98 PPM

*

SAMPLE DATE 11/08/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1318 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, ALHAMBRA PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	59002	7.99	15.2	
2	ETHYLENE	45	52920	7.16	13.6	
3	ACETYLENE	51	51607	6.99	13.3	
4	PROPANE	66	75531	10.23	19.5	
5	PROPYLENE	79	12164	1.64	3.1	
6	PROPADIENE	93	456	0.06	0.1	
7	ISOBUTANE	109	38731	5.24	10.0	
8	N-BUTANE	125	93813	12.71	24.2	
9	1-BUTENE	167	2932	0.39	0.7	
10	ISOBUTYLENE + T-2-BUTENE	196	5122	0.69	1.3	
11	ISOPENTANE	236	128107	17.35	33.1	
12	N-PENTANE	268	57469	7.78	14.8	
13	CYCLOPENTANE	298	5967	0.80	1.5	
14	HEXANES	536	154193	20.89	39.8	

READY

METHANE - 1.91 PPM

SAMPLE DATE 11/08/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1335 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, SAN GABRIEL PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	55700	8.82	14.3
2	ETHYLENE	45	39601	6.27	10.2
3	ACETYLENE	51	35617	5.64	9.2
4	PROPANE	66	67148	10.63	17.3
5	PROPYLENE	79	8268	1.30	2.1
6	ISOBUTANE	109	35730	5.65	9.2
7	N-BUTANE	125	94096	14.90	24.3
8	1-BUTENE	167	2047	0.32	0.5
9	ISOBUTYLENE + T-2-BUTENE	196	3518	0.55	0.9
10	ISOPENTANE	236	105556	16.72	27.2
11	N-PENTANE	268	50452	7.99	13.0
12	CYCLOPENTANE	298	7441	1.17	1.9
13	1-PENTENE	345	1825	0.28	0.4
14	HEXANES	536	124167	19.67	32.0

READY

METHANE - 2.07 PPM

SAMPLE DATE 11/08/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1350 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, TEMPLE CITY PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	44248	6.48	11.4
2	ETHYLENE	45	35424	5.19	9.1
3	ACETYLENE	51	31989	4.69	8.2
4	PROPANE	66	55258	8.10	14.2
5	PROPYLENE	79	6987	1.02	1.8
6	ISOBUTANE	109	34391	5.04	8.8
7	N-BUTANE	125	127029	18.62	32.8
8	1-BUTENE	167	138	0.01	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	1403	0.20	0.3
10	ISOPENTANE	236	136869	20.06	35.3
11	N-PENTANE	268	50060	7.33	12.9
12	CYCLOPENTANE	298	8122	1.19	2.0
13	HEXANES	536	150068	22.00	38.7

READY

METHANE - 1.76 PPM

*

SAMPLE DATE 11/08/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1406 HRS. — REF. PEAK TIME 125

SAMPLE NAME ARB VAN, ARCADIA — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	50640	9.49	13.0
2	ETHYLENE	45	34448	6.45	8.8
3	ACETYLENE	51	28520	5.34	7.3
4	PROPANE	66	58245	10.91	15.0
5	PROPYLENE	79	7283	1.36	1.8
6	ISOBUTANE	109	30688	5.75	7.9
7	N-BUTANE	125	67551	12.66	17.4
8	1-BUTENE	167	1059	0.19	0.2
9	ISOBUTYLENE + T-2-BUTENE	196	1480	0.27	0.3
10	ISOPENTANE	236	86718	16.25	22.4
11	N-PENTANE	268	41685	7.81	10.7
12	CYCLOPENTANE	298	7172	1.34	1.8
13	HEXANES	536	117939	22.10	30.4

READY

METHANE - 1.94 PPM

*

SAMPLE DATE 11/08/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1414 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, ARCADIA PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	47076	7.04	12.1
2	ETHYLENE	45	42655	6.37	11.0
3	ACETYLENE	51	33023	4.93	8.5
4	PROPANE	66	58679	8.77	15.1
5	PROPYLENE	79	11798	1.76	3.0
6	ISOBUTANE	109	34483	5.15	8.9
7	N-BUTANE	125	79583	11.90	20.5
8	1-BUTENE	167	3115	0.46	0.8
9	ISOBUTYLENE + T-2-BUTENE	196	4627	0.68	1.1
10	ISOPENTANE	236	128622	19.23	33.2
11	N-PENTANE	268	56771	8.48	14.6
12	CYCLOPENTANE	298	7381	1.10	1.9
13	1-PENTENE	345	3448	0.51	0.8
14	HEXANES	536	157272	23.52	40.6

READY

METHANE - 1.70 PPM

SAMPLE DATE 11/08/73

SAMPLE ID A3,GC-202, 1430 HRS.

SAMPLE NAME ARB VAN, IRWINDALE

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	40478	8.60	10.4	
2	ETHYLENE	45	33948	7.21	8.7	
3	ACETYLENE	51	28442	6.04	7.3	
4	PROPANE	66	51674	10.98	13.3	
5	PROPYLENE	79	6869	1.45	1.7	
6	ISOBUTANE	109	28221	5.99	7.2	
7	N-BUTANE	125	61900	13.15	16.0	
8	1-BUTENE	167	1704	0.36	0.4	
9	ISOBUTYLENE + T-2-BUTENE	196	3149	0.66	0.8	
10	ISOPENTANE	236	75642	16.07	19.5	
11	N-PENTANE	268	37723	8.01	9.7	
12	CYCLOPENTANE	298	5917	1.25	1.5	
13	1-PENTENE	345	1367	0.28	0.3	
14	HEXANES	536	93421	19.85	24.1	

READY

METHANE - 2.12 PPM

SAMPLE DATE 11/08/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1443 HRS. — REF. PEAK TIME 125

SAMPLE NAME ARB VAN, IRWINDALE — PK NO BIG AREA 15

PK NO REF PEAK 8

NO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	38895	8.22	10.0
2	ETHYLENE	45	27036	5.71	6.9
3	ACETYLENE	51	18494	3.91	4.7
4	PROPANE	66	48645	10.29	12.5
5	PROPYLENE	79	6194	1.30	1.5
6	PROPADIENE	93	869	0.18	0.2
7	ISOBUTANE	109	28678	6.06	7.4
8	N-BUTANE	125	60940	12.89	15.7
9	1-BUTENE	167	1430	0.30	0.3
10	ISOBUTYLENE + T-2-BUTENE	196	2447	0.51	0.6
11	ISOPENTANE	236	81210	17.18	20.9
12	N-PENTANE	268	40133	8.48	10.3
13	CYCLOPENTANE	298	5691	1.20	1.4
14	1-PENTENE	345	2094	0.44	0.5
15	HEXANES	536	109905	23.25	28.4

READY

METHANE - 1.94 PPM

SAMPLE DATE 11/12/73

GC CHANNEL 1

SAMPLE ID A3,GC-202, 0745 HRS.

REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	108220	8.45	30.9	
2	ETHYLENE	45	97341	7.60	27.7	
3	ACETYLENE	51	131528	10.27	37.5	
4	PROPANE	66	100279	7.83	28.6	
5	PROPYLENE	79	37854	2.95	10.8	
6	PROPADIENE	93	2408	0.18	0.6	
7	ISOBUTANE	109	42096	3.28	12.0	
8	N-BUTANE	125	145786	11.38	41.6	
9	1-BUTENE	167	10131	0.79	2.8	
10	ISOBUTYLENE + T-2-BUTENE	196	22702	1.77	6.4	
11	ISOPENTANE	236	197170	15.39	56.3	
12	N-PENTANE	268	85096	6.64	24.3	
13	CYCLOPENTANE	298	13745	1.07	3.9	
14	1-PENTENE	345	5057	0.39	1.4	
15	HEXANES	536	280916	21.93	80.2	

READY

SAMPLE DATE 11/12/73 GC CHANNEL 1
SAMPLE ID A3,GC-660, 0815 HRS. REF. PEAK TIME 125
SAMPLE NAME EL MONTE LABORATORY PK NO BIG AREA 15
PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	60684	10.44	33.4	
2	ETHYLENE	45	36196	6.23	19.9	
3	ACETYLENE	51	41357	7.12	22.7	
4	PROPANE	66	42684	7.35	23.5	
5	PROPYLENE	79	17473	3.00	9.6	
6	PROPADIENE	93	1269	0.21	0.6	
7	ISOBUTANE	109	24473	4.21	13.4	
8	N-BUTANE	125	74464	12.82	41.0	
9	1-BUTENE	167	4371	0.75	2.3	
10	ISOBUTYLENE + T-2-BUTENE	196	9198	1.58	5.0	
11	ISOPENTANE	236	95731	16.48	52.7	
12	N-PENTANE	268	41989	7.22	23.1	
13	CYCLOPENTANE	298	4682	0.80	2.5	
14	1-PENTENE	345	3011	0.51	1.6	
15	HEXANES	536	123011	21.18	67.8	

READY

SAMPLE DATE 11/12/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 0845 HRS. | REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY | PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	77263	10.88	22.0	
2	ETHYLENE	45	53343	7.51	15.2	
3	ACETYLENE	51	66296	9.33	18.9	
4	PROPANE	66	59161	8.33	16.8	
5	PROPYLENE	79	18811	2.64	5.3	
6	PROPADIENE	93	592	0.08	0.1	
7	ISOBUTANE	109	26918	3.79	7.6	
8	N-BUTANE	125	83250	11.72	23.7	
9	1-BUTENE	167	4492	0.63	1.2	
10	ISOBUTYLENE + T-2-BUTENE	196	10357	1.45	2.9	
11	ISOPENTANE	236	102629	14.45	29.3	
12	N-PENTANE	268	45097	6.35	12.8	
13	CYCLOPENTANE	298	7734	1.08	2.2	
14	1-PENTENE	345	4762	0.66	1.3	
15	HEXANES	536	149245	21.02	42.6	

READY

8

SAMPLE DATE 11/12/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, C915 HRS. REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY PK NO BIG AREA 4

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11696	8.60	6.4	
2	ETHYLENE	45	8779	6.45	4.7	
3	ACETYLENE	51	10031	7.37	5.4	
4	PROPANE	66	22460	16.51	12.3	
5	PROPYLENE	79	6058	4.45	3.2	
6	PROPADIENE	93	246	C.18	0.0	
7	ISOBUTANE	109	5779	4.24	3.1	
8	N-BUTANE	125	18704	13.75	10.3	
9	1-BUTENE	167	702	0.51	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	2091	1.53	1.0	
11	ISOPENTANE	236	20426	15.02	11.2	
12	N-PENTANE	268	8715	6.40	4.7	
13	CYCLOPENTANE	298	4667	3.43	2.5	
14	1-PENTENE	345	834	0.61	0.3	
15	HEXANES	536	14760	10.85	8.1	

READY

*

SAMPLE DATE 11/12/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0945 HRS. REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY PK NO BIG AREA 15

PK NO REF PEAK 8

INO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	17529	8.26	5.0	
2	ETHYLENE	45	18094	8.53	5.1	
3	ACETYLENE	51	18933	8.92	5.4	
4	PROPANE	66	19567	9.22	5.5	
5	PROPYLENE	79	6256	2.94	1.7	
6	PROPADIENE	93	160	0.07	0.0	
7	ISOBUTANE	109	7559	3.56	2.1	
8	N-BUTANE	125	25314	11.93	7.2	
9	1-BUTENE	167	1969	0.92	0.5	
10	ISOBUTYLENE + T-2-BUTENE	196	3031	1.42	0.8	
11	ISOPENTANE	236	31251	14.73	8.9	
12	N-PENTANE	268	14935	7.04	4.2	
13	CYCLOPENTANE	298	3615	1.70	1.0	
14	1-PENTENE	345	213	0.09	0.0	
15	HEXANES	536	43606	20.56	12.4	

READY

METHANE - 1.81 PPM

*

SAMPLE DATE 11/12/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1015 HRS. — REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY — PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5210	8.05	2.8	
2	ETHYLENE	45	4998	7.73	2.7	
3	ACETYLENE	51	5706	8.82	3.1	
4	PROPANE	66	6901	10.67	3.7	
5	PROPYLENE	79	2194	3.39	1.1 -	
6	ISOBUTANE	109	3244	5.01	1.7	
7	N-BUTANE	125	8273	12.79	4.5	
8	1-BUTENE	167	373	0.57	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	997	1.54	0.5	
10	ISOPENTANE	236	10878	16.83	5.9	
11	N-PENTANE	268	5128	7.93	2.8	
12	CYCLOPENTANE	298	450	0.69	0.2	
13	1-PENTENE	345	234	0.36	0.0	
14	HEXANES	536	10045	15.53	5.4	

READY

METHANE - 1.65 PPM

*

SAMPLE DATE 11/12/73 GC CHANNEL 1

SAMPLE ID A3,GC-66C, 1115 HRS. REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY PK NO BIG AREA 14

PK NO REF PEAK 8

INO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8034	9.39	4.3	
2	ETHYLENE	45	6011	7.02	3.2	
3	ACETYLENE	51	7441	8.69	4.0	
4	PROPANE	66	8881	10.38	4.8	
5	PROPYLENE	79	2894	3.38	1.5	
6	PROPADIENE	93	214	0.24	0.0	
7	ISOBUTANE	109	4594	5.37	2.5	
8	N-BUTANE	125	12519	14.63	6.8	
9	1-BUTENE	167	351	0.40	0.1	
10	ISOBUTYLENE + T-2-BUTENE	196	834	0.97	0.3	
11	ISOPENTANE	236	13926	16.28	7.6	
12	N-PENTANE	268	5244	6.13	2.8	
13	CYCLOPENTANE	298	58	0.06	0.0	
14	HEXANES	536	14527	16.98	7.9	

READY

METHANE - 1.64 PPM

*

SAMPLE DATE	11/12/73	GC CHANNEL	1
SAMPLE ID	A3,GC-660, 1145 HRS.	REF. PEAK TIME	125
SAMPLE NAME	EL MONTE LABORATORY	PK NO BIG AREA	1
		PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4329	16.54	2.3	
2	ETHYLENE	45	1565	5.98	0.8	
3	ACETYLENE	51	2403	9.18	1.2	
4	PROPANE	66	2880	11.01	1.5	
5	PROPYLENE	79	659	2.51	0.3	
6	ISOBUTANE	109	1184	4.52	0.6	
7	N-BUTANE	125	4199	16.05	2.2	
8	1-BUTENE	167	259	0.98	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	67	0.25	0.0	
10	ISOPENTANE	236	4305	16.45	2.3	
11	N-PENTANE	268	1695	6.47	0.8	
12	HEXANES	536	2611	9.98	1.4	

READY

METHANE - 1.69 PPM

*

SAMPLE DATE 11/12/73

SAMPLE ID A3,GC-202, 1215 HRS.

SAMPLE NAME EL MONTE LABORATORY

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6748	10.33	1.9	
2	ETHYLENE	45	4398	6.73	1.2	
3	ACETYLENE	51	4290	6.57	1.2	
4	PROPANE	66	3208	4.91	0.9	
5	PROPYLENE	79	1876	2.87	0.5	
6	ISOBUTANE	109	2442	3.73	0.6	
7	N-BUTANE	125	10144	15.53	2.8	
8	1-BUTENE	167	1418	2.16	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	907	1.38	0.2	
10	ISOPENTANE	236	11169	17.11	3.1	
11	N-PENTANE	268	5134	7.86	1.4	
12	CYCLOPENTANE	298	1218	1.86	0.3	
13	1-PENTENE	345	151	0.22	0.0	
14	HEXANES	536	12166	18.63	3.4	

READY

METHANE - 1.58 PPM

*

SAMPLE DATE 11/12/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 1245 HRS. | REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY | PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6415	8.74	1.8	
2	ETHYLENE	45	5924	8.07	1.6	
3	ACETYLENE	51	6525	8.89	1.8	
4	PROPANE	66	4417	6.01	1.2	
5	PROPYLENE	79	2184	2.97	0.6	
6	ISOBUTANE	109	3334	4.54	0.9	
7	N-BUTANE	125	12261	16.71	3.5	
8	1-BUTENE	167	959	1.30	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	752	1.02	0.2	
10	ISOPENTANE	236	14027	19.11	4.0	
11	N-PENTANE	268	6580	8.96	1.8	
12	1-PENTENE	345	93	0.12	0.0	
13	HEXANES	536	9888	13.47	2.8	

READY

METHANE - 1.63 PPM

*

SAMPLE DATE 11/12/73 | GC CHANNEL 1
SAMPLE ID A3, GC-660, 1315 HRS. | REF. PEAK TIME 125
SAMPLE NAME EL MONTE LABORATORY | PK NO BIG AREA 13
PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	2954	13.02	1.5	
2	ETHYLENE	45	854	3.76	0.4	
3	ACETYLENE	51	1849	8.15	1.0	
4	PROPANE	66	2087	9.20	1.0	
5	PROPYLENE	79	574	2.52	0.3	
6	ISOBUTANE	109	912	4.02	0.4	
7	N-BUTANE	125	3792	16.72	2.0	
8	1-BUTENE	167	199	0.87	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	92	0.40	0.0	
10	ISOPENTANE	236	3943	17.38	2.1	
11	N-PENTANE	268	1328	5.85	0.7	
12	CYCLOPENTANE	298	113	0.49	0.0	
13	HEXANES	536	3977	17.53	2.1	

READY

METHANE - 1.54 PPM

*

SAMPLE DATE 11/12/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1345 HRS. REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9376	5.78	2.6	
2	ETHYLENE	45	7061	4.35	2.0	
3	ACETYLENE	51	7566	4.66	2.1	
4	PROPANE	66	12007	7.40	3.4	
5	PROPYLENE	79	2477	1.52	0.7	
6	ISOBUTANE	109	7939	4.89	2.2	
7	N-BUTANE	125	24449	15.09	6.9	
8	1-BUTENE	167	1591	0.97	0.4	
9	ISOBUTYLENE + T-2-BUTENE	196	1053	0.64	0.2	
10	ISOPENTANE	236	30013	18.52	8.5	
11	N-PENTANE	268	14368	8.86	4.1	
12	CYCLOPENTANE	298	2882	1.77	0.8	
13	1-PENTENE	345	135	0.08	0.0	
14	HEXANES	536	41077	25.35	11.7	

READY

METHANE - 1.69 PPM

*

SAMPLE DATE 11/12/73

SAMPLE ID A3,GC-660, 1415 HRS.

SAMPLE NAME EL MONTE LABORATORY

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

INO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4410	9.98	2.4	
2	ETHYLENE	45	3495	7.91	1.8	
3	ACETYLENE	51	3737	8.45	2.0	
4	PROPANE	66	4279	9.68	2.3	
5	PROPYLENE	79	1229	2.78	0.6	
6	ISOBUTANE	109	2093	4.73	1.0	
7	N-BUTANE	125	6082	13.76	3.2	
8	1-BUTENE	167	245	0.55	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	342	0.77	0.1	
10	ISOPENTANE	236	7752	17.54	4.2	
11	N-PENTANE	268	3766	8.52	2.0	
12	CYCLOPENTANE	298	933	2.11	0.4	
13	HEXANES	536	5814	13.15	3.2	

READY

METHANE - 1.46 PPM

*

SAMPLE DATE 11/12/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1515 HRS. — REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY — PK NO BIG AREA 10

PK NO REF PEAK 7

INO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3988	10.71	2.1	
2	ETHYLENE	45	2739	7.35	1.4	
3	ACETYLENE	51	3037	8.16	1.6	
4	PROPANE	66	3781	10.15	2.0	
5	PROPYLENE	79	1114	2.99	0.5	
6	ISOBUTANE	109	1804	4.84	0.9	
7	N-BUTANE	125	4940	13.27	2.6	
8	1-BUTENE	167	268	0.71	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	255	0.68	0.0	
10	ISOPENTANE	236	6376	17.13	3.5	
11	N-PENTANE	268	2914	7.82	1.5	
12	CYCLOPENTANE	298	75	0.20	0.0	
13	HEXANES	536	5924	15.91	3.2	

READY

METHANE - 1.70 PPM

*

SAMPLE DATE 11/12/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 18-2000 | REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY | PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	26189	9.24	7.4	
2	ETHYLENE	45	26745	9.43	7.5	
3	ACETYLENE	51	25315	8.93	7.1	
4	PROPANE	66	18561	6.54	5.2	
5	PROPYLENE	79	6802	2.39	1.9	
6	ISOBUTANE	109	11173	3.94	3.1	
7	N-BUTANE	125	44810	15.81	12.7	
8	1-BUTENE	167	2260	0.79	0.6	
9	ISOBUTYLENE + T-2-BUTENE	196	5837	2.05	1.6	
10	ISOPENTANE	236	29051	10.25	8.2	
11	N-PENTANE	268	4308	1.51	1.2	
12	CYCLOPENTANE	298	1506	0.53	0.4	
13	HEXANES	536	80789	28.50	22.9	

READY

METHANE - 2.18 PPM

*

SAMPLE DATE 11/12/73

SAMPLE ID A3,GC-202, 20-2200

SAMPLE NAME EL MONTE LABORATORY

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	46854	7.87	13.3	
2	ETHYLENE	45	38884	6.53	11.0	
3	ACETYLENE	51	39794	6.68	11.2	
4	PROPANE	66	34011	5.71	9.6	
5	PROPYLENE	79	16380	2.75	4.6	
6	PROPADIENE	93	782	0.13	0.2	
7	ISOBUTANE	109	21706	3.64	6.1	
8	N-BUTANE	125	87636	14.72	24.8	
9	1-BUTENE	167	4078	0.68	1.1	
10	ISOBUTYLENE + T-2-BUTENE	196	9225	1.55	2.6	
11	ISOPENTANE	236	102793	17.27	29.1	
12	N-PENTANE	268	43642	7.33	12.3	
13	CYCLOPENTANE	298	5973	1.00	1.6	
14	1-PENTENE	345	5391	0.90	1.5	
15	HEXANES	536	137796	23.15	39.1	

READY

METHANE - 2.35 PPM

*

SAMPLE DATE 11/12/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 22-2400 REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	44849	8.14	12.7	
2	ETHYLENE	45	37939	6.88	10.7	
3	ACETYLENE	51	36409	6.61	10.3	
4	PROPANE	66	37658	6.83	10.6	
5	PROPYLENE	79	15981	2.90	4.5	
6	PROPADIENE	93	326	0.05	0.0	
7	ISOBUTANE	109	19975	3.62	5.6	
8	N-BUTANE	125	70320	12.77	19.9	
9	1-BUTENE	167	4326	0.78	1.2	
10	ISOBUTYLENE + T-2-BUTENE	196	8988	1.62	2.5	
11	ISOPENTANE	236	98570	17.90	27.9	
12	N-PENTANE	268	44047	7.99	12.5	
13	CYCLOPENTANE	298	7214	1.30	2.0	
14	1-PENTENE	345	3975	0.72	1.1	
15	HEXANES	536	119999	21.79	34.0	

READY

METHANE - 2.11 PPM

*

SAMPLE DATE	11/13/73	GC CHANNEL	1
SAMPLE ID	A3,GC-660, 00-0200	REF. PEAK TIME	125
SAMPLE NAME	EL MONTE LABORATORY	PK NO BIG AREA	14
		PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	20248	8.45	11.4
2	ETHYLENE	45	13722	5.72	7.6
3	ACETYLENE	51	16488	6.88	9.2
4	PROPANE	66	14494	6.05	8.1
5	PROPYLENE	79	7510	3.13	4.2
6	ISOBUTANE	109	10445	4.36	5.8
7	N-BUTANE	125	33195	13.86	18.6
8	1-BUTENE	167	2127	0.88	1.1
9	ISOBUTYLENE + T-2-BUTENE	196	4489	1.87	2.5
10	ISOPENTANE	236	43366	18.10	24.3
11	N-PENTANE	268	18178	7.58	10.2
12	CYCLOPENTANE	298	1220	0.50	0.6
13	1-PENTENE	345	227	0.09	0.0
14	HEXANES	536	53761	22.44	30.2

READY

METHANE - 2.36 PPM

*

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 02-0400 REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	19522	11.00	10.9	
2	ETHYLENE	45	10974	6.18	6.1	
3	ACETYLENE	51	13985	7.87	7.8	
4	PROPANE	66	14466	8.15	8.1	
5	PROPYLENE	79	7048	3.97	3.9	
6	PROPADIENE	93	150	0.08	0.0	
7	ISOBUTANE	109	7110	4.00	3.9	
8	N-BUTANE	125	23666	13.33	13.2	
9	1-BUTENE	167	1196	0.67	0.6	
10	ISOBUTYLENE + T-2-BUTENE	196	3012	1.69	1.6	
11	ISOPENTANE	236	29377	16.55	16.4	
12	N-PENTANE	268	12471	7.02	6.9	
13	CYCLOPENTANE	298	875	0.49	0.4	
14	HEXANES	536	33572	18.92	18.9	

READY

METHANE - 2.29 PPM

*

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 04-0600 REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	19551	10.44	5.5	
2	ETHYLENE	45	12847	6.86	3.6	
3	ACETYLENE	51	14720	7.86	4.1	
4	PROPANE	66	16036	8.56	4.5	
5	PROPYLENE	79	3966	2.11	1.1 -	
6	ISOBUTANE	109	7614	4.06	2.1	
7	N-BUTANE	125	24199	12.92	6.8	
8	1-BUTENE	167	851	0.45	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	2411	1.28	0.6	
10	ISOPENTANE	236	30089	16.07	8.5	
11	N-PENTANE	268	14182	7.57	4.0	
12	CYCLOPENTANE	298	2850	1.51	0.8	
13	HEXANES	536	37903	20.24	10.7	

READY

METHANE - 2.38 PPM

*

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0720 HRS. REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY PK NO BIG AREA 3

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8319	7.50	4.6	
2	ETHYLENE	45	9450	8.52	5.3	
3	ACETYLENE	51	19217	17.34	10.7	
4	PROPANE	66	6277	5.66	3.5	
5	PROPYLENE	79	4303	3.88	2.4	
6	ISOBUTANE	109	4278	3.85	2.3	
7	N-BUTANE	125	13709	12.36	7.6	
8	1-BUTENE	167	899	0.80	0.4	
9	ISOBUTYLENE + T-2-BUTENE	196	2108	1.90	1.1	
10	ISOPENTANE	236	17909	16.15	10.0	
11	N-PENTANE	268	7236	6.52	4.0	
12	CYCLOPENTANE	298	433	0.39	0.2	
13	1-PENTENE	345	122	0.10	0.0	
14	HEXANES	536	16564	14.94	9.2	

READY

METHANE - 1.96 PPM

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0745 HRS. REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY PK NO BIG AREA 7

PK NO REF PEAK 7

INO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4522	7.34	2.5	
2	ETHYLENE	45	4914	7.98	2.7	
3	ACETYLENE	51	6206	10.07	3.4	
4	PROPANE	66	3478	5.64	1.9	
5	PROPYLENE	79	2039	3.31	1.0	
6	ISOBUTANE	109	3323	5.39	1.7	
7	N-BUTANE	125	12038	19.55	6.7	
8	1-BUTENE	167	687	1.11	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1146	1.85	0.6	
10	ISOPENTANE	236	11540	18.74	6.4	
11	N-PENTANE	268	4646	7.54	2.5	
12	CYCLOPENTANE	298	189	0.30	0.0	
13	HEXANES	536	6837	11.10	3.8	

READY

METHANE - 1.68 PPM

*

SAMPLE DATE 11/13/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 0815 HRS. | REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY | PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11017	4.94	3.1	
2	ETHYLENE	45	20377	9.14	5.7	
3	ACETYLENE	51	21490	9.64	6.1	
4	PROPANE	66	8891	3.98	2.5	
5	PROPYLENE	79	6765	3.03	1.9	
6	ISOBUTANE	109	6946	3.11	1.9	
7	N-BUTANE	125	30280	13.58	8.5	
8	1-BUTENE	167	1802	0.80	0.5	
9	ISOBUTYLENE + T-2-BUTENE	196	4109	1.84	1.1	
10	ISOPENTANE	236	37914	17.01	10.7	
11	N-PENTANE	268	17143	7.69	4.8	
12	CYCLOPENTANE	298	3138	1.40	0.8	
13	1-PENTENE	345	1145	0.51	0.3	
14	HEXANES	536	51806	23.24	14.7	

READY

METHANE - 1.86 PPM

SAMPLE DATE 11/13/73
SAMPLE ID A3,GC-202, 0845 HRS.
SAMPLE NAME EL MONTE LABORATORY

GC CHANNEL 1
REF. PEAK TIME 125
PK NO BIG AREA 14
PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	15151	5.66	4.2	
2	ETHYLENE	45	22462	8.39	6.3	
3	ACETYLENE	51	24714	9.23	7.0	
4	PROPANE	66	12209	4.55	3.4	
5	PROPYLENE	79	7328	2.73	2.0	
6	ISOBUTANE	109	8203	3.06	2.3	
7	N-BUTANE	125	35069	13.10	9.9	
8	1-BUTENE	167	2681	1.00	0.7	
9	ISOBUTYLENE + T-2-BUTENE	196	5382	2.00	1.5	
10	ISOPENTANE	236	48816	18.23	13.8	
11	N-PENTANE	268	21491	8.02	6.1	
12	CYCLOPENTANE	298	3388	1.26	0.9	
13	1-PENTENE	345	839	0.31	0.2	
14	HEXANES	536	59904	22.38	17.0	

READY

METHANE - 1.87 PPM

*

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0915 HRS. REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	10616	7.36	5.9
2	ETHYLENE	45	10797	7.49	6.0
3	ACETYLENE	51	17720	12.30	9.9
4	PROPANE	66	9091	6.31	5.0
5	PROPYLENE	79	6576	4.56	3.6
6	PROPADIENE	93	578	0.39	0.3
7	ISOBUTANE	109	6062	4.20	3.3
8	N-BUTANE	125	19185	13.32	10.7
9	1-BUTENE	167	1231	0.85	0.6
10	ISOBUTYLENE + T-2-BUTENE	196	3143	2.18	1.7
11	ISOPENTANE	236	25415	17.64	14.2
12	N-PENTANE	268	11467	7.96	6.4
13	CYCLOPENTANE	298	1316	0.91	0.7
14	HEXANES	536	20804	14.44	11.7

READY

METHANE - 1.83 PPM

*

SAMPLE DATE 11/13/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 0945 HRS. — REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY — PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9519	6.97	5.3	
2	ETHYLENE	45	12554	9.19	7.0	
3	ACETYLENE	51	15886	11.63	8.9	
4	PROPANE	66	9221	6.75	5.1	
5	PROPYLENE	79	5611	4.10	3.1	
6	PROPADIENE	93	322	0.23	0.1	
7	ISOBUTANE	109	5714	4.18	3.2	
8	N-BUTANE	125	18110	13.26	10.1	
9	1-BUTENE	167	1431	1.04	0.7	
10	ISOBUTYLENE + T-2-BUTENE	196	2976	2.17	1.6	
11	ISOPENTANE	236	24538	17.97	13.7	
12	N-PENTANE	268	10614	7.77	5.9	
13	CYCLOPENTANE	298	839	0.61	0.4	
14	1-PENTENE	345	90	0.06	0.0	
15	HEXANES	536	19108	13.99	10.7	

READY

METHANE - 1.73 PPM

*

SAMPLE DATE 11/13/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1015 HRS. — REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY — PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13554	6.47	3.8	
2	ETHYLENE	45	18912	9.03	5.3	
3	ACETYLENE	51	19310	9.22	5.4	
4	PROPANE	66	13588	6.49	3.8	
5	PROPYLENE	79	5136	2.45	1.4	
6	ISOBUTANE	109	6637	3.17	1.8	
7	N-BUTANE	125	25362	12.12	7.1	
8	1-BUTENE	167	1880	0.89	0.5	
9	ISOBUTYLENE + T-2-BUTENE	196	2973	1.41	0.8	
10	ISOPENTANE	236	35817	17.11	10.1	
11	N-PENTANE	268	15393	7.35	4.3	
12	CYCLOPENTANE	298	2912	1.39	0.8	
13	1-PENTENE	345	657	0.31	0.1	
14	HEXANES	536	47091	22.50	13.3	

READY

METHANE - 1.73 PPM

SAMPLE DATE 11/13/73

SAMPLE ID A3,GC-660, 1045 HRS.

SAMPLE NAME EL MONTE LABORATORY

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5141	13.37	2.8	
2	ETHYLENE	45	2704	7.03	1.4	
3	ACETYLENE	51	3442	8.95	1.8	
4	PROPANE	66	5060	13.16	2.8	
5	PROPYLENE	79	1560	4.05	0.8	
6	ISOBUTANE	109	2352	6.11	1.2	
7	N-BUTANE	125	6107	15.88	3.4	--
8	1-BUTENE	167	190	0.49	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	454	1.17	0.2	
10	ISOPENTANE	236	6264	16.29	3.5	
11	N-PENTANE	268	2642	6.87	1.4	
12	CYCLOPENTANE	298	60	0.15	0.0	
13	HEXANES	536	2466	6.41	1.3	

READY

METHANE - 1.58 PPM

SAMPLE DATE 11/13/73 | GC CHANNEL 1

SAMPLE ID A3, GC-660, 1115 HRS. | REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY | PK NO BIG AREA 7

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5921	13.04	3.2	
2	ETHYLENE	45	2840	6.25	1.5	
3	ACETYLENE	51	3436	7.56	1.8	
4	PROPANE	66	6295	13.86	3.5	
5	PROPYLENE	79	1560	3.43	0.8	
6	ISOBUTANE	109	3240	7.13	1.7	
7	N-BUTANE	125	7348	16.18	4.0	
8	1-BUTENE	167	336	0.73	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	295	0.64	0.1	
10	ISOPENTANE	236	6029	13.27	3.3	
11	N-PENTANE	268	3109	6.84	1.7	
12	CYCLOPENTANE	298	157	0.34	0.0	
13	HEXANES	536	4837	10.65	2.6	

READY

METHANE - 1.68 PPM

*

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1145 HRS. REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6965	9.64	3.9	
2	ETHYLENE	45	3478	4.81	1.9	
3	ACETYLENE	51	3878	5.36	2.1	
4	PROPANE	66	8192	11.34	4.6	
5	PROPYLENE	79	1524	2.10	0.7	
6	ISOBUTANE	109	4732	6.55	2.6	
7	N-BUTANE	125	11911	16.49	6.6	
8	1-BUTENE	167	480	0.66	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	463	0.64	0.2	
10	ISOPENTANE	236	14026	19.42	7.8	
11	N-PENTANE	268	8381	11.60	4.6	
12	CYCLOPENTANE	298	2367	3.27	1.3	
13	HEXANES	536	5817	8.05	3.2	

READY

METHANE - 1.68 PPM

*

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1245 HRS. REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY PK NO BIG AREA 7

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6178	10.03	3.4	
2	ETHYLENE	45	3815	6.19	2.1	
3	ACETYLENE	51	3729	6.05	2.0	
4	PROPANE	66	8808	14.30	4.9	
5	PROPYLENE	79	1199	1.94	0.6	
6	ISOBUTANE	109	4803	7.79	2.6	
7	N-BUTANE	125	10333	16.77	5.7	
8	1-BUTENE	167	278	0.44	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	477	0.77	0.2	
10	ISOPENTANE	236	9873	16.03	5.5	
11	N-PENTANE	268	4688	7.61	2.5	
12	CYCLOPENTANE	298	181	0.29	0.0	
13	HEXANES	536	7222	11.72	4.0	

READY

METHANE - 1.83 PPM

*

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1315 HRS. REF. PEAK TIME 125

SAMPLE NAME EL MONTE LABORATORY PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13787	6.60	3.9	
2	ETHYLENE	45	10422	4.98	2.9	
3	ACETYLENE	51	7453	3.56	2.1	
4	PROPANE	66	18615	8.91	5.2	
5	PROPYLENE	79	2924	1.39	0.8	
6	ISOBUTANE	109	12896	6.17	3.6	
7	N-BUTANE	125	33637	16.11	9.5	
8	1-BUTENE	167	893	0.42	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	1767	0.84	0.5	
10	ISOPENTANE	236	37265	17.84	10.5	
11	N-PENTANE	268	17712	8.48	5.0	
12	CYCLOPENTANE	298	3597	1.72	1.0	
13	HEXANES	536	47787	22.89	13.5	

READY

METHANE - 1.85 PPM

*

SAMPLE DATE 11/13/73

SAMPLE ID A3,GC-660, 1345 HRS.

SAMPLE NAME EL MONTE LABORATORY

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 7

PK NO REF PEAK 7

INO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4746	9.37	2.6	
2	ETHYLENE	45	3608	7.12	2.0	
3	ACETYLENE	51	2664	5.26	1.4	
4	PROPANE	66	8639	17.07	4.8	
5	PROPYLENE	79	1294	2.55	0.7	
6	ISOBUTANE	109	4721	9.32	2.6	
7	N-BUTANE	125	9756	19.28	5.4	
8	1-BUTENE	167	388	0.76	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	373	0.73	0.1	
10	ISOPENTANE	236	8115	16.03	4.5	
11	N-PENTANE	268	2966	5.86	1.6	
12	CYCLOPENTANE	298	107	0.21	0.0	
13	HEXANES	536	3216	6.35	1.7	

READY

METHANE - 1.64 PPM

*

SAMPLE DATE 11/13/73 | GC CHANNEL 1
SAMPLE ID A3,GC-202, 1415 HRS. | REF. PEAK TIME 125
SAMPLE NAME EL MONTE LABORATORY | PK NO BIG AREA 13
PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6151	7.57	1.7	
2	ETHYLENE	45	5676	6.98	1.6	
3	ACETYLENE	51	2690	3.31	0.7	
4	PROPANE	66	10138	12.47	2.8	
5	PROPYLENE	79	691	0.84	0.1	
6	ISOBUTANE	109	6422	7.90	1.8	
7	N-BUTANE	125	13310	16.38	3.7	
8	1-BUTENE	167	398	0.48	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	477	0.58	0.1	
10	ISOPENTANE	236	10239	12.60	2.9	
11	N-PENTANE	268	5193	6.39	1.4	
12	CYCLOPENTANE	298	1174	1.44	0.3	
13	HEXANES	536	18680	22.99	5.3	

READY

METHANE - 1.72 PPM

*

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0847 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 1, 400' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	14076	7.30	3.9
2	ETHYLENE	45	13427	6.96	3.7
3	ACETYLENE	51	9307	4.82	2.6
4	PROPANE	66	16401	8.51	4.6
5	PROPYLENE	79	4185	2.16	1.1
6	ISOBUTANE	109	10347	5.36	2.9
7	N-BUTANE	125	28474	14.77	8.0
8	1-BUTENE	167	956	0.49	0.2
9	ISOBUTYLENE + T-2-BUTENE	196	2002	1.03	0.5
10	ISOPENTANE	236	32000	16.60	9.0
11	N-PENTANE	268	14916	7.73	4.2
12	CYCLOPENTANE	298	2372	1.22	0.6
13	HEXANES	536	44207	22.94	12.5

READY

METHANE - 1.94 PPM

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0859 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 2, 450' PK NO BIG AREA 7

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	68949	9.38	19.4	
2	ETHYLENE	45	25466	3.46	7.1	
3	ACETYLENE	51	12057	1.63	3.4	
4	PROPANE	66	132772	18.06	37.5	
5	PROPYLENE	79	8675	1.17	2.4	
6	ISOBUTANE	109	60826	8.27	17.1	
7	N-BUTANE	125	140135	19.07	39.6	
8	1-BUTENE	167	2022	0.27	0.5	
9	ISOBUTYLENE + T-2-BUTENE	196	3405	0.46	0.9	
10	ISOPENTANE	236	98401	13.39	27.8	
11	N-PENTANE	268	60433	8.22	17.0	
12	CYCLOPENTANE	298	9062	1.23	2.5	
13	HEXANES	536	112502	15.31	31.8	

READY

METHANE -2.71 PPM

*

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0911 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 3, 350' PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13992	9.50	3.9	
2	ETHYLENE	45	12597	8.56	3.5	
3	ACETYLENE	51	9206	6.25	2.6	
4	PROPANE	66	15309	10.40	4.3	
5	PROPYLENE	79	3980	2.70	1.1	
6	ISOBUTANE	109	8548	5.80	2.4	
7	N-BUTANE	125	22841	15.52	6.4	
8	1-BUTENE	167	348	0.23	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	1496	1.01	0.4	
10	ISOPENTANE	236	25170	17.10	7.1	
11	N-PENTANE	268	10950	7.44	3.0	
12	HEXANES	536	22680	15.41	6.4	

READY

METHANE - 1.86 PPM

*

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0939 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4, 1100' PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10253	9.39	2.8	
2	ETHYLENE	45	10382	9.51	2.9	
3	ACETYLENE	51	5191	4.75	1.4	
4	PROPANE	66	8916	8.17	2.5	
5	PROPYLENE	79	2401	2.20	0.6	
6	ISOBUTANE	109	5331	4.88	1.5	
7	N-BUTANE	125	14490	13.28	4.0	
8	1-BUTENE	167	280	0.25	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	399	0.36	0.1	
10	ISOPENTANE	236	15441	14.15	4.3	
11	N-PENTANE	268	6254	5.73	1.7	
12	HEXANES	536	29725	27.25	8.4	

READY

METHANE - 1.89 PPM

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0958 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 5, 450' PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	8751	7.16	2.4	
2	ETHYLENE	45	12327	10.09	3.4	
3	ACETYLENE	51	11244	9.20	3.1	
4	PROPANE	66	9949	8.14	2.8	
5	PROPYLENE	79	3771	3.08	1.0	
6	PROPADIENE	93	98	0.07	0.0	
7	ISOBUTANE	109	5261	4.30	1.4	
8	N-BUTANE	125	16331	13.37	4.6	
9	1-BUTENE	167	319	0.25	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	2272	1.85	0.6	
11	ISOPENTANE	236	20272	16.59	5.7	
12	N-PENTANE	268	9080	7.43	2.5	
13	CYCLOPENTANE	298	626	0.50	0.1	
14	HEXANES	536	21816	17.86	6.1	

READY

METHANE - 1.70 PPM

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1433 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 6, 300' PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7987	10.26	2.2	
2	ETHYLENE	45	5061	6.50	1.4	
3	ACETYLENE	51	3862	4.96	1.0	
4	PROPANE	66	8463	10.88	2.3	
5	PROPYLENE	79	1309	1.68	0.3	
6	ISOBUTANE	109	6026	7.74	1.7	
7	N-BUTANE	125	10806	13.89	3.0	
8	1-BUTENE	167	176	0.22	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	618	0.79	0.1	
10	ISOPENTANE	236	10862	13.96	3.0	
11	N-PENTANE	268	4681	6.01	1.3	
12	CYCLOPENTANE	298	171	0.21	0.0	
13	HEXANES	536	17738	22.80	5.0	

READY

METHANE - 1.58 PPM

*

SAMPLE DATE	11/13/73	GC CHANNEL	1
SAMPLE ID	A3,GC-202, 1446 HRS.	REF. PEAK TIME	125
SAMPLE NAME	SMOG#2,BAG 7, 380'	PK NO BIG AREA	12
		PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	9826	11.93	2.7	
2	ETHYLENE	45	10430	12.66	2.9	
3	ACETYLENE	51	6498	7.88	1.8	
4	PROPANE	66	7164	8.62	2.0	
5	PROPYLENE	79	2374	2.88	0.6	
6	ISOBUTANE	109	3706	4.49	1.0	
7	N-BUTANE	125	11052	13.41	3.1	
8	1-BUTENE	167	129	0.15	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	782	0.94	0.2	
10	ISOPENTANE	236	10895	13.22	3.0	
11	N-PENTANE	268	5502	6.68	1.5	
12	HEXANES	536	14043	17.05	3.9	

ANALY

METHANE - 1.72 PPM

*

SAMPLE DATE 11/13/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 1459 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 8, 400' — PK NO BIG AREA 12

PK NO REF PEAK 7

NO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8095	10.34	2.2	
2	ETHYLENE	45	4876	6.23	1.3	
3	ACETYLENE	51	2193	2.80	0.6	
4	PROPANE	66	11475	14.66	3.2	
5	PROPYLENE	79	1253	1.59	0.3	
6	ISOBUTANE	109	6752	8.63	1.9	
7	N-BUTANE	125	13714	17.52	3.8	
8	1-BUTENE	167	195	0.24	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	106	0.13	0.0	
10	ISOPENTANE	236	10217	13.05	2.8	
11	N-PENTANE	263	5130	6.55	1.4	
12	HEXANES	536	14221	18.17	4.0	

READY

METHANE - 1.53 PPM

*

SAMPLE DATE 11/13/73 | GC CHANNEL 1

SAMPLE ID A3,GC-202, 1517 HRS. | REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 9, 1100' | PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6419	10.76	1.8	
2	ETHYLENE	45	4451	7.46	1.2	
3	ACETYLENE	51	1720	2.88	0.4	
4	PROPANE	66	7379	12.37	2.0	
5	PROPYLENE	79	727	1.21	0.2	
6	ISOBUTANE	109	3610	6.05	1.0	
7	N-BUTANE	125	8896	14.92	2.5	
8	ISOBUTYLENE + T-2-BUTENE	196	97	0.16	0.0	
9	ISOPENTANE	236	8241	13.82	2.3	
10	N-PENTANE	268	4312	7.23	1.2	
11	HEXANES	536	13763	23.08	3.8	

READY

METHANE - 1.62 PPM

*

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1538 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 10, 700' PK NO BIG AREA 12

PK NO REF PEAK 7

INO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7343	9.09	2.0	
2	ETHYLENE	45	6894	8.53	1.9	
3	ACETYLENE	51	3138	3.88	0.8	
4	PROPANE	66	9512	11.77	2.6	
5	PROPYLENE	79	1387	1.71	0.3	
6	ISOBUTANE	109	4746	5.87	1.3	
7	N-BUTANE	125	11379	14.09	3.2	
8	1-BUTENE	167	348	0.43	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	520	0.64	0.1	
10	ISOPENTANE	236	10676	13.22	3.0	
11	N-PENTANE	268	4793	5.93	1.3	
12	HEXANES	536	19996	24.76	5.6	

READY

METHANE - 1.62 PPM

*

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0859 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 1 PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8218	8.96	4.2	
2	ETHYLENE	45	7889	8.60	4.1	
3	ACETYLENE	51	6397	6.97	3.3	
4	PROPANE	66	10925	11.92	5.7	
5	PROPYLENE	79	2771	3.02	1.4	
6	PROPADIENE	93	100	0.10	0.0	
7	ISOBUTANE	109	5792	6.32	3.0	
8	N-BUTANE	125	14081	15.36	7.3	
9	1-BUTENE	167	367	0.39	0.1	
10	ISOBUTYLENE + T-2-BUTENE	196	1006	1.09	0.4	
11	ISOPENTANE	236	13924	15.19	7.2	
12	N-PENTANE	258	5943	6.48	3.1	
13	CYCLOPENTANE	298	87	0.09	0.0	
14	HEXANES	536	14120	15.41	7.4	

READY

METHANE - 1.86 PPM

*

SAMPLE DATE 11/13/73

SAMPLE ID A3,GC-660, 0909 HRS.

SAMPLE NAME SMOG#3,BAG 2

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 7

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	17541	9.22	9.2	
2	ETHYLENE	45	9615	5.05	5.0	
3	ACETYLENE	51	7591	3.98	3.9	
4	PROPANE	66	26332	13.84	13.8	
5	PROPYLENE	79	4217	2.21	2.1	
6	ISOBUTANE	109	17503	9.20	9.1	
7	N-BUTANE	125	34350	18.06	18.0	
8	1-BUTENE	167	942	0.49	0.4	
9	ISOBUTYLENE + T-2-BUTENE	196	1434	0.75	0.7	
10	ISOPENTANE	236	29851	15.69	15.7	
11	N-PENTANE	268	15262	8.02	7.9	
12	CYCLOPENTANE	298	651	0.34	0.3	
13	1-PENTENE	345	202	0.10	0.0	
14	HEXANES	536	24705	12.98	12.9	

READY

METHANE - 2.18 PPM

SAMPLE DATE 11/13/73

SAMPLE ID A3,GC-660, 0921 HRS.

SAMPLE NAME SMOG#3,BAG 3

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8841	10.78	4.6	
2	ETHYLENE	45	6986	8.52	3.6	
3	ACETYLENE	51	6451	7.87	3.3	
4	PROPANE	66	9254	11.29	4.8	
5	PROPYLENE	79	2331	2.84	1.1	
6	PROPADIENE	93	47	0.05	0.0	
7	ISOBUTANE	109	4832	5.89	2.5	
8	N-BUTANE	125	11926	14.55	6.2	
9	1-BUTENE	167	302	0.36	0.1	
10	ISOBUTYLENE + T-2-BUTENE	196	921	1.12	0.4	
11	ISOPENTANE	236	13258	16.17	6.9	
12	N-PENTANE	268	5548	6.76	2.8	
13	CYCLOPENTANE	298	71	0.08	0.0	
14	HEXANES	536	11187	13.64	5.8	

READY

METHANE - 1.80 PPM

*

SAMPLE DATE 11/13/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 0943 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 4 — PK NO BIG AREA 9

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4401	14.33	2.2	
2	ETHYLENE	45	3364	10.95	1.7	
3	ACETYLENE	51	2524	8.22	1.3	
4	PROPANE	66	3586	11.68	1.8	
5	PROPYLENE	79	1391	4.53	0.7	
6	ISOBUTANE	109	1616	5.26	0.7	
7	N-BUTANE	125	4103	13.36	2.1	
8	ISOBUTYLENE + T-2-BUTENE	196	459	1.49	0.2	
9	ISOPENTANE	236	4568	14.88	2.3	
10	N-PENTANE	268	1752	5.70	0.8	
11	CYCLOPENTANE	298	100	0.32	0.0	
12	HEXANES	536	2829	9.21	1.4	

READY

METHANE - 1.68 PPM

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-66C, 1436 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 5 PK NO BIG AREA 1

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	4997	15.33	2.5	
2	ETHYLENE	45	3038	9.32	1.5	
3	ACETYLENE	51	2269	6.96	1.1	
4	PROPANE	66	4852	14.88	2.5	
5	PROPYLENE	79	741	2.27	0.3	
6	ISOBUTANE	109	2256	6.92	1.1	
7	N-BUTANE	125	4743	14.55	2.4	
8	ISOPENTANE	236	4291	13.16	2.1	
9	N-PENTANE	268	2058	6.31	1.0	
10	CYCLOPENTANE	298	53	0.16	0.0	
11	HEXANES	536	3290	10.09	1.7	

READY

METHANE - 1.70 PPM

*

SAMPLE DATE 11/13/73

SAMPLE ID A3,GC-660, ???? HRS.

SAMPLE NAME SMOG#3,BAG 6

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 1

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3888	20.05	2.0	
2	ETHYLENE	45	951	4.90	0.4	
3	ACETYLENE	51	1703	8.78	0.8	
4	PROPANE	66	2533	13.06	1.3	
5	PROPYLENE	79	567	2.92	0.2	
6	ISOBUTANE	109	1172	6.04	0.6	
7	N-BUTANE	125	2727	14.06	1.4	
8	ISOBUTYLENE + T-2-BUTENE	196	318	1.63	0.1	
9	ISOPENTANE	236	3390	17.48	1.7	
10	N-PENTANE	268	1164	6.00	0.5	
11	HEXANES	536	968	4.99	0.4	

READY

METHANE - 1.52 PPM

*

SAMPLE DATE 11/13/73

SAMPLE ID A3,GC-660, 1459 HRS.

SAMPLE NAME SMOG#3,BAG 7

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7179	11.26	3.8	
2	ETHYLENE	45	3921	6.15	2.0	
3	ACETYLENE	51	3852	6.04	2.0	
4	PROPANE	66	8393	13.17	4.4	
5	PROPYLENE	79	2434	3.81	1.2	
6	ISOBUTANE	109	4163	6.53	2.1	
7	N-BUTANE	125	9098	14.27	4.8	
8	1-BUTENE	167	324	0.50	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	521	0.81	0.2	
10	ISOPENTANE	236	8680	13.62	4.6	
11	N-PENTANE	268	4645	7.29	2.4	
12	HEXANES	536	10497	16.47	5.5	

READY

METHANE - 1.67 PPM

*

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1519 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 8 PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9335	14.61	2.8	
2	ETHYLENE	45	6797	10.64	2.1	
3	ACETYLENE	51	3968	6.21	1.1	
4	PROPANE	66	8451	13.23	2.5	
5	PROPYLENE	79	729	1.14	0.1	
6	ISOBUTANE	109	3477	5.44	1.0	
7	N-BUTANE	125	8374	13.11	2.5	
8	1-BUTENE	167	166	0.25	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	142	0.21	0.0	
10	ISOPENTANE	236	7462	11.68	2.2	
11	N-PENTANE	268	3079	4.81	0.9	
12	CYCLOPENTANE	298	76	0.11	0.0	
13	1-PENTENE	345	206	0.32	0.0	
14	HEXANES	536	11596	18.15	3.5	

READY

METHANE - 1.57 PPM

*

SAMPLE DATE 11/13/73

SAMPLE ID A3,GC-202, 1542 HRS.

SAMPLE NAME SMOG#3,BAG 9

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	16761	13.33	5.1	
2	ETHYLENE	45	14070	11.19	4.3	
3	ACETYLENE	51	8502	6.76	2.5	
4	PROPANE	66	13682	10.88	4.2	
5	PROPYLENE	79	3188	2.53	0.9	
6	ISOBUTANE	109	6409	5.09	1.9	
7	N-BUTANE	125	16371	13.02	5.0	
8	1-BUTENE	167	348	0.27	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	1034	0.82	0.3	
10	ISOPENTANE	236	15731	12.51	4.8	
11	N-PENTANE	268	7904	6.28	2.4	
12	CYCLOPENTANE	298	332	0.26	0.0	
13	HEXANES	536	21333	16.97	6.6	

READY

METHANE - 1.72 PPM

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1112 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, ALHAMBRA PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6376	6.07	3.5	
2	ETHYLENE	45	7123	6.78	3.9	
3	ACETYLENE	51	8551	8.14	4.7	
4	PROPANE	66	6568	6.25	3.6	
5	PROPYLENE	79	3206	3.05	1.7	
6	PROPADIENE	93	119	0.11	0.0	
7	ISOBUTANE	109	4310	4.10	2.4	
8	N-BUTANE	125	14919	14.21	8.3	
9	1-BUTENE	167	506	0.47	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	1517	1.44	0.7	
11	ISOPENTANE	236	20781	19.79	11.6	
12	N-PENTANE	268	8049	7.66	4.5	
13	CYCLOPENTANE	298	647	0.61	0.3	
14	1-PENTENE	345	61	0.05	0.0	
15	HEXANES	536	22239	21.18	12.5	

READY

METHANE - 1.70 PPM

*

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1130 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, SAN MARINO PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10493	6.93	2.9	
2	ETHYLENE	45	10024	6.62	2.8	
3	ACETYLENE	51	10793	7.13	3.0	
4	PROPANE	66	10788	7.12	3.0	
5	PROPYLENE	79	2634	1.73	0.7	
6	ISOBUTANE	109	5553	3.66	1.5	
7	N-BUTANE	125	19248	12.71	5.4	
8	1-BUTENE	167	1118	0.73	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	2475	1.63	0.6	
10	ISOPENTANE	236	27710	18.31	7.8	
11	N-PENTANE	268	12804	8.45	3.6	
12	CYCLOPENTANE	298	3051	2.01	0.8	
13	1-PENTENE	345	182	0.11	0.0	
14	HEXANES	536	34447	22.76	9.7	

READY

METHANE - 1.79 PPM

*

SAMPLE DATE	11/13/73	GC CHANNEL	1
SAMPLE ID	A3,GC-660, 1145 HRS.	REF. PEAK TIME	125
SAMPLE NAME	ARB VAN, TEMPLE CITY	PK NO BIG AREA	10
		PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	6027	4.35	3.3
2	ETHYLENE	45	8568	6.19	4.7
3	ACETYLENE	51	9643	6.97	5.3
4	PROPANE	66	7577	5.48	4.2
5	PROPYLENE	79	4326	3.12	2.4
6	ISOBUTANE	109	6710	4.85	3.7
7	N-BUTANE	125	25546	18.47	14.3
8	1-BUTENE	167	944	0.68	0.4
9	ISOBUTYLENE + T-2-BUTENE	196	2097	1.51	1.1
10	ISOPENTANE	236	28426	20.56	15.9
11	N-PENTANE	268	10130	7.32	5.7
12	CYCLOPENTANE	298	360	0.25	0.1
13	HEXANES	536	27875	20.16	15.7

READY

METHANE - 1.69 PPM

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-66C, 1200 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, ARCADIA PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	5591	7.15	2.8	
2	ETHYLENE	45	4713	6.02	2.4	
3	ACETYLENE	51	5017	6.41	2.5	
4	PROPANE	66	6827	8.73	3.5	
5	PROPYLENE	79	1728	2.20	0.8	
6	ISOBUTANE	109	3989	5.10	2.0	
7	N-BUTANE	125	11147	14.25	5.8	
8	1-BUTENE	167	373	0.47	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	759	0.97	0.3	
10	ISOPENTANE	236	15733	20.12	8.2	
11	N-PENTANE	268	6787	8.67	3.5	
12	CYCLOPENTANE	298	797	1.01	0.3	
13	1-PENTENE	345	179	0.22	0.0	
14	HEXANES	536	14532	18.58	7.5	

READY

METHANE - 1.72 PPM

*

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1210 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, ARCADIA PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8838	9.55	4.6	
2	ETHYLENE	45	6108	6.60	3.2	
3	ACETYLENE	51	6873	7.43	3.5	
4	PROPANE	66	8058	8.71	4.2	
5	PROPYLENE	79	2805	3.03	1.4	
6	ISOBUTANE	109	4990	5.39	2.5	
7	N-BUTANE	125	12776	13.81	6.7	
8	1-BUTENE	167	633	0.68	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1229	1.32	0.6	
10	ISOPENTANE	236	17613	19.04	9.2	
11	N-PENTANE	268	8418	9.10	4.3	
12	CYCLOPENTANE	298	1221	1.31	0.6	
13	1-PENTENE	345	150	0.16	0.0	
14	HEXANES	536	12756	13.79	6.6	

READY

METHANE - 1.74 PPM

*

SAMPLE DATE 11/13/73 | GC CHANNEL 1
SAMPLE ID A3,GC-66C, 1223 HRS. | REF. PEAK TIME 125
SAMPLE NAME ARB VAN, ARCADIA | PK NO BIG AREA 11
PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6513	8.68	3.3	
2	ETHYLENE	45	4227	5.63	2.1	
3	ACETYLENE	51	4607	6.14	2.4	
4	PROPANE	66	7783	10.37	4.0	
5	PROPYLENE	79	1688	2.24	0.8	
6	PROPADIENE	93	71	0.09	0.0	
7	ISOBUTANE	109	4910	6.54	2.5	
8	N-BUTANE	125	11959	15.94	6.2	
9	1-BUTENE	167	280	0.37	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	676	0.90	0.3	
11	ISOPENTANE	236	14721	19.62	7.7	
12	N-PENTANE	268	6300	8.39	3.2	
13	CYCLOPENTANE	298	147	0.19	0.0	
14	HEXANES	536	11107	14.81	5.7	

READY

METHANE - 2.10 PPM

SAMPLE DATE 11/13/73

SAMPLE ID A3,GC-66C, 1235 HRS.

SAMPLE NAME ARB VAN, IRWINDALE

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8111	9.82	4.2	
2	ETHYLENE	45	6298	7.62	3.2	
3	ACETYLENE	51	6184	7.49	3.2	
4	PROPANE	66	8574	10.38	4.4	
5	PROPYLENE	79	2362	2.85	1.1	
6	PROPADIENE	93	73	0.08	0.0	
7	ISOBUTANE	109	7859	9.52	4.0	
8	N-BUTANE	125	11747	14.23	6.1	
9	1-BUTENE	167	388	0.46	0.1	
10	ISOBUTYLENE + T-2-BUTENE	196	892	1.08	0.4	
11	ISOPENTANE	236	13939	16.88	7.2	
12	N-PENTANE	268	5822	7.05	3.0	
13	CYCLOPENTANE	298	79	0.09	0.0	
14	HEXANES	536	10204	12.36	5.3	

READY

METHANE - 1.62 PPM

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1245 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, ARCADIA PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	9011	6.05	4.6	
2	ETHYLENE	45	10832	7.27	5.7	
3	ACETYLENE	51	11123	7.47	5.7	
4	PROPANE	66	9325	6.26	4.8	
5	PROPYLENE	79	4448	2.98	2.2	
6	PROPADIENE	93	237	0.15	0.0	
7	ISOBUTANE	109	6230	4.18	3.2	
8	N-BUTANE	125	19006	12.76	10.0	
9	1-BUTENE	167	975	0.65	0.4	
10	ISOBUTYLENE + T-2-BUTENE	196	2152	1.44	1.0	
11	ISOPENTANE	236	29925	20.09	15.7	
12	N-PENTANE	268	13128	8.81	6.8	
13	CYCLOPENTANE	298	831	0.55	0.3	
14	1-PENTENE	345	592	0.39	0.2	
15	HEXANES	536	31064	20.86	16.3	

READY

METHANE - 1.79 PPM

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1255 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, ARCADIA PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8688	6.50	4.5	
2	ETHYLENE	45	8350	6.25	4.3	
3	ACETYLENE	51	8645	6.47	4.5	
4	PROPANE	66	9747	7.29	5.0	
5	PROPYLENE	79	3819	2.85	1.9	
6	PROPADIENE	93	310	0.23	0.1	
7	ISOBUTANE	109	6946	5.20	3.5	
8	N-BUTANE	125	20771	15.55	10.9	
9	1-BUTENE	167	1119	0.83	0.5	
10	ISOBUTYLENE + T-2-BUTENE	196	1750	1.30	0.8	
11	ISOPENTANE	236	27442	20.54	14.3	
12	N-PENTANE	268	11220	8.39	5.8	
13	CYCLOPENTANE	298	554	0.41	0.2	
14	1-PENTENE	345	281	0.20	0.0	
15	HEXANES	536	23912	17.90	12.5	

READY

METHANE - 1.71 PPM

*

SAMPLE DATE 11/13/73 | GC CHANNEL 1

SAMPLE ID A3,GC-660, 1305 HRS. | REF. PEAK TIME 125

SAMPLE NAME ARB VAN, ARCADIA | PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9268	6.86	4.8	
2	ETHYLENE	45	8637	6.39	4.5	
3	ACETYLENE	51	8341	6.17	4.3	
4	PROPANE	66	11368	8.42	5.9	
5	PROPYLENE	79	3244	2.40	1.6	
6	PROPADIENE	93	79	0.05	0.0	
7	ISOBUTANE	109	7148	5.29	3.7	
8	N-BUTANE	125	21496	15.93	11.2	
9	1-BUTENE	167	812	0.60	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	1599	1.18	0.7	
11	ISOPENTANE	236	27911	20.68	14.6	
12	N-PENTANE	268	11038	8.17	5.7	
13	CYCLOPENTANE	298	1038	0.76	0.4	
14	1-PENTENE	345	321	0.23	0.1	
15	HEXANES	536	22626	16.76	11.8	

READY

METHANE - 1.83 PPM

*

SAMPLE DATE 11/13/73

SAMPLE ID A3,GC-660, 1320 HRS.

SAMPLE NAME ARB VAN, TEMPLE CITY

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	9728	6.98	5.0
2	ETHYLENE	45	9002	6.46	4.6
3	ACETYLENE	51	9079	6.51	4.7
4	PROPANE	66	10749	7.71	5.6
5	PROPYLENE	79	3960	2.84	2.0
6	PROPADIENE	93	251	0.18	0.0
7	ISOBUTANE	109	6689	4.80	3.5
8	N-BUTANE	125	19644	14.10	10.3
9	1-BUTENE	167	876	0.62	0.3
10	ISOBUTYLENE + T-2-BUTENE	196	1737	1.24	0.8
11	ISOPENTANE	236	27275	19.58	14.2
12	N-PENTANE	268	12156	8.72	6.3
13	CYCLOPENTANE	298	586	0.41	0.2
14	1-PENTENE	345	334	0.23	0.1
15	HEXANES	536	27168	19.50	14.2

READY

METHANE - 1.76 PPM

SAMPLE DATE 11/13/73 GC CHANNEL 1

SAMPLE ID A3,GC-66C, 1330 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, SAN GABRIEL PK NO BIG AREA 11

PK NO REF PEAK 8

NO	COMPOUND NAME	TIME	AREA	WT%, PHMC	VOL.%
1	ETHANE	40	7489	5.42	3.9
2	ETHYLENE	45	10115	7.32	5.3
3	ACETYLENE	51	11000	7.96	5.7
4	PROPANE	66	8066	5.84	4.2
5	PROPYLENE	79	4363	3.15	2.2
6	PROPADIENE	93	273	0.19	0.0
7	ISOBUTANE	109	5479	3.96	2.8
8	N-BUTANE	125	19343	14.01	10.1
9	1-BUTENE	167	1378	0.99	0.7
10	ISOBUTYLENE + T-2-BUTENE	196	2369	1.71	1.1
11	ISOPENTANE	236	31701	22.97	16.6
12	N-PENTANE	268	11235	8.13	5.8
13	CYCLOPENTANE	298	564	0.40	0.2
14	1-PENTENE	345	446	0.32	0.2
15	HEXANES	536	24182	17.52	12.7

READY

METHANE - 1.80 PPM

*

SAMPLE DATE 11/13/73

SAMPLE ID A3,GC-660, 1350 HRS.

SAMPLE NAME ARB VAN, ALHAMBRA

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

INO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	6404	7.63	3.3
2	ETHYLENE	45	5448	6.49	2.8
3	ACETYLENE	51	6110	7.28	3.2
4	PROPANE	66	6147	7.32	3.2
5	PROPYLENE	79	2279	2.71	1.1
6	ISOBUTANE	109	4249	5.06	2.1
7	N-BUTANE	125	13619	16.23	7.1
8	1-BUTENE	167	303	0.36	0.1
9	ISOBUTYLENE + T-2-BUTENE	196	962	1.14	0.4
10	ISOPENTANE	236	18114	21.59	9.5
11	N-PENTANE	268	6501	7.75	3.3
12	CYCLOPENTANE	298	65	0.07	0.0
13	1-PENTENE	345	133	0.15	0.0
14	HEXANES	536	13532	16.13	7.1

READY

METHANE - 1.63 PPM

*

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0835 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 1, 550' PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	28889	9.47	8.9	
2	ETHYLENE	45	45673	14.98	14.2	
3	ACETYLENE	51	24569	8.06	7.5	
4	PROPANE	66	22307	7.31	6.8	
5	PROPYLENE	79	7943	2.60	2.4	
6	ISOBUTANE	109	9853	3.23	3.0	
7	N-BUTANE	125	32705	10.73	10.1	
8	1-BUTENE	167	1649	0.54	0.4	
9	ISOBUTYLENE + T-2-BUTENE	196	3489	1.14	1.0	
10	ISOPENTANE	236	43675	14.33	13.5	
11	N-PENTANE	268	20169	6.61	6.2	
12	CYCLOPENTANE	298	3639	1.19	1.0	
13	1-PENTENE	345	429	0.14	0.0	
14	HEXANES	536	59710	19.59	18.5	

READY

METHANE - 2.13 PPM

SAMPLE DATE 11/14/73

SAMPLE ID A3,GC-2C2, 0846 HRS.

SAMPLE NAME SMOG#2,DAG 2, 450'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	66900	13.23	20.7
2	ETHYLENE	45	35411	7.00	11.0
3	ACETYLENE	51	17315	3.42	5.3
4	PROPANE	66	87831	17.37	27.3
5	PROPYLENE	79	7479	1.47	2.2
6	ISOBUTANE	109	32770	6.47	10.1
7	N-BUTANE	125	76061	15.04	23.6
8	1-BUTENE	167	1054	0.20	0.3
9	ISOBUTYLENE + T-2-BUTENE	196	1407	0.27	0.3
10	ISOPENTANE	236	55063	10.88	17.1
11	N-PENTANE	268	30483	6.02	9.4
12	CYCLOPENTANE	298	430	0.08	0.0
13	1-PENTENE	345	1016	0.19	0.3
14	HEXANES	536	92347	18.26	28.7

READY

METHANE - 2.56 PPM

*

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0900 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 3, 450' PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	19022	12.45	5.8
2	ETHYLENE	45	11211	7.33	3.4
3	ACETYLENE	51	6061	3.96	1.8
4	PROPANE	66	21711	14.21	6.7
5	PROPYLENE	79	1982	1.29	0.5
6	ISOBUTANE	109	11297	7.39	3.5
7	N-BUTANE	125	24289	15.89	7.5
8	ISOPENTANE	236	21780	14.25	6.7
9	N-PENTANE	268	10633	6.95	3.2
10	HEXANES	536	24770	16.21	7.6

READY

METHANE - 1.93 PPM

*

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1013 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4, 500' PK NO BIG AREA 12

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	16915	11.42	5.2	
2	ETHYLENE	45	15453	10.44	4.7	
3	ACETYLENE	51	11035	7.45	3.3	
4	PROPANE	66	15827	10.69	4.9	
5	PROPYLENE	79	3021	2.03	0.9	
6	PROPADIENE	93	131	0.08	0.0	
7	ISOBUTANE	109	6441	4.35	1.9	
8	N-BUTANE	125	17384	11.74	5.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1642	1.10	0.4	
10	ISOPENTANE	236	20814	14.06	6.4	
11	N-PENTANE	268	9019	6.09	2.7	
12	HEXANES	536	30325	20.48	9.3	

READY

METHANE - 1.97 PPM

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1025 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 5, 500' PK NO BIG AREA 7

PK NO REF PEAK 7

NO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	32419	12.36	10.0	
2	ETHYLENE	45	18428	7.03	5.7	
3	ACETYLENE	51	9587	3.65	2.9	
4	PROPANE	66	41740	15.92	12.9	
5	PROPYLENE	79	2741	1.04	0.7	
6	ISOBUTANE	109	16725	6.38	5.1	
7	N-BUTANE	125	43275	16.51	13.4	
8	1-BUTENE	167	259	0.09	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	1271	0.48	0.3	
10	ISOPENTANE	236	33673	12.84	10.4	
11	N-PENTANE	268	19961	7.61	6.1	
12	CYCLOPENTANE	298	2440	0.93	0.7	
13	1-PENTENE	345	210	0.07	0.0	
14	HEXANES	536	39328	15.00	12.1	

READY

METHANE - 2.09 PPM

SAMPLE DATE 11/14/73

SAMPLE ID A3,GC-202, 1039 HRS.

SAMPLE NAME SMOG#2,BAG 6, 300'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8861	7.23	2.6	
2	ETHYLENE	45	5570	4.55	1.6	
3	ACETYLENE	51	388[illegible]	3.17	1.1	
4	PROPANE	66	9536	7.79	2.8	
5	PROPYLENE	79	1157	0.94	0.3	
6	ISOBUTANE	109	7840	6.40	2.3	
7	N-BUTANE	125	18765	15.33	5.6	
8	1-BUTENE	167	407	0.32	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	927	0.75	0.2	
10	ISOPENTANE	236	23174	18.93	6.9	
11	N-PENTANE	268	11952	9.76	3.5	
12	CYCLOPENTANE	298	730	0.59	0.2	
13	1-PENTENE	345	131	0.10	0.0	
14	HEXANES	536	29455	24.06	8.8	

READY

METHANE - 1.89 PPM

*

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1058 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 7, 10CC' PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	25806	9.76	7.7
2	ETHYLENE	45	26191	9.91	7.8
3	ACETYLENE	51	21570	8.16	6.4
4	PROPANE	66	23122	8.74	6.9
5	PROPYLENE	79	6661	2.52	2.0
6	PROPADIENE	93	181	0.06	0.0
7	ISOBUTANE	109	12256	4.63	3.6
8	N-BUTANE	125	33284	12.59	10.0
9	1-BUTENE	167	1842	0.69	0.5
10	ISOBUTYLENE + T-2-BUTENE	196	3148	1.19	0.9
11	ISOPENTANE	236	42248	15.99	12.7
12	N-PENTANE	268	21658	8.19	6.5
13	CYCLOPENTANE	298	2023	0.76	0.6
14	HEXANES	536	44190	16.72	13.2

READY

METHANE - 1.92 PPM

SAMPLE DATE 11/14/73

SAMPLE ID A3,GC-202, 1118 HRS.

SAMPLE NAME SMOG#2,BAG 8, 950'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	27539	10.15	8.2	
2	ETHYLENE	45	27913	10.28	8.3	
3	ACETYLENE	51	23632	8.70	7.1	
4	PROPANE	66	22325	8.22	6.7	
5	PROPYLENE	79	7115	2.62	2.1	
6	ISOBUTANE	109	11316	4.16	3.3	
7	N-BUTANE	125	33464	12.33	10.0	
8	1-BUTENE	167	1457	0.53	0.4	
9	ISOBUTYLENE + T-2-BUTENE	196	3242	1.19	0.9	
10	ISOPENTANE	236	43844	16.15	13.1	
11	N-PENTANE	268	21392	7.88	6.4	
12	CYCLOPENTANE	298	2139	0.78	0.6	
13	1-PENTENE	345	647	0.23	0.1	
14	HEXANES	536	45261	16.68	13.6	

READY

METHANE - 1.99 PPM

*

SAMPLE DATE 11/14/73

SAMPLE ID A3,GC-202, 1536 HRS.

SAMPLE NAME SMOG#2,BAG 9, 400'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8056	10.77	2.4	
2	ETHYLENE	45	6343	8.48	1.9	
3	ACETYLENE	51	5556	7.43	1.6	
4	PROPANE	66	6437	8.61	1.9	
5	PROPYLENE	79	1646	2.20	0.4	
6	PROPADIENE	93	245	0.32	0.0	
7	ISOBUTANE	109	2636	3.52	0.7	
8	N-BUTANE	125	9120	12.20	2.7	
9	1-BUTENE	167	401	0.53	0.1	
10	ISOBUTYLENE + T-2-BUTENE	196	838	1.11	0.2	
11	ISOPENTANE	236	11397	15.25	3.4	
12	N-PENTANE	268	4853	6.49	1.4	
13	CYCLOPENTANE	298	98	0.12	0.0	
14	HEXANES	536	17093	22.87	5.1	

READY

METHANE - 1.75 PPM

*

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1547 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 10, 350' PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	30400	10.09	9.1	
2	ETHYLENE	45	29231	9.70	8.7	
3	ACETYLENE	51	23690	7.86	7.1	
4	PROPANE	66	24880	8.26	7.4	
5	PROPYLENE	79	7486	2.48	2.2	
6	PROPADIENE	93	282	0.09	0.0	
7	ISOBUTANE	109	16575	5.50	4.9	
8	N-BUTANE	125	38847	12.90	11.6	
9	1-BUTENE	167	1473	0.48	0.4	
10	ISOBUTYLENE + T-2-BUTENE	196	5397	1.79	1.6	
11	ISOPENTANE	236	46043	15.29	13.8	
12	N-PENTANE	268	21292	7.07	6.3	
13	CYCLOPENTANE	298	3156	1.04	0.9	
14	1-PENTENE	345	449	0.14	0.1	
15	HEXANES	536	51855	17.22	15.5	

READY

METHANE - 1.94 PPM

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1600 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 11, 350° PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6226	11.34	1.8	
2	ETHYLENE	45	3798	6.91	1.1	
3	ACETYLENE	51	3124	5.69	0.9	
4	PROPANE	66	5151	9.38	1.5	
5	PROPYLENE	79	1187	2.16	0.3	
6	ISOBUTANE	109	2897	5.27	0.8	
7	N-BUTANE	125	8172	14.88	2.4	
8	1-BUTENE	167	349	0.63	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	413	0.75	0.1	
10	ISOPENTANE	236	8168	14.88	2.4	
11	N-PENTANE	268	3323	6.05	0.9	
12	HEXANES	536	12077	22.00	3.6	

READY

METHANE - 1.63 PPM

*

SAMPLE DATE 11/14/73 — GC CHANNEL 1

SAMPLE ID A3,GC-666, 0334 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 2 — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	17467	8.25	9.2	
2	ETHYLENE	45	12958	6.12	6.8	
3	ACETYLENE	51	12756	6.02	6.7	
4	PROPANE	66	18565	8.77	9.9	
5	PROPYLENE	79	4534	2.14	2.4	
6	ISOBUTANE	109	10702	5.05	5.7	
7	N-BUTANE	125	27737	13.11	14.7	
8	1-BUTENE	167	1120	0.52	0.5	
9	ISOBUTYLENE + T-2-BUTENE	196	2958	1.39	1.5	
10	ISOPENTANE	236	37003	17.49	19.7	
11	N-PENTANE	268	19646	9.28	10.4	
12	CYCLOPENTANE	298	1445	0.68	0.7	
13	HEXANES	536	44643	21.10	23.8	

READY

METHANE - 2.27 PPM

SAMPLE DATE 11/14/73

SAMPLE ID A3,GC-660, 0847 HRS.

SAMPLE NAME SMOG#3,BAG 3

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	9966	7.30	5.3	
2	ETHYLENE	45	8288	6.07	4.3	
3	ACETYLENE	51	8524	6.25	4.5	
4	PROPANE	66	13038	9.56	6.9	
5	PROPYLENE	79	3926	2.87	2.0	
6	ISOBUTANE	109	9129	6.69	4.8	
7	N-BUTANE	125	18912	13.87	10.0	
8	1-BUTENE	167	834	0.61	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1601	1.17	0.7	
10	ISOPENTANE	236	25278	18.53	13.5	
11	N-PENTANE	268	11907	8.73	6.3	
12	CYCLOPENTANE	298	181	0.13	0.0	
13	HEXANES	536	24758	18.15	13.2	

READY

METHANE - 1.93 PPM

SAMPLE DATE 11/14/73

SAMPLE ID A3,GC-660, 1016 HRS.

SAMPLE NAME SMOG#3,BAG 4

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9472	9.51	5.0	
2	ETHYLENE	45	6875	6.90	3.6	
3	ACETYLENE	51	7373	7.40	3.9	
4	PROPANE	66	8969	9.00	4.7	
5	PROPYLENE	79	3164	3.17	1.6	
6	PROPADIENE	93	268	0.26	0.0	
7	ISOBUTANE	109	5191	5.21	2.7	
8	N-BUTANE	125	13055	13.11	6.9	
9	1-BUTENE	167	448	0.44	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	939	0.94	0.4	
11	ISOPENTANE	236	14757	14.81	7.8	
12	N-PENTANE	268	6675	6.70	3.5	
13	CYCLOPENTANE	298	281	0.28	0.0	
14	HEXANES	536	22104	22.19	11.7	

READY

METHANE - 1.92 PPM

*

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1029 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 5, 500' PK NO BIG AREA 4

PK NO REF PEAK 7

INO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	17734	11.70	9.6	
2	ETHYLENE	45	4966	3.27	2.6	
3	ACETYLENE	51	4905	3.23	2.6	
4	PROPANE	66	27849	18.38	15.0	
5	PROPYLENE	79	2208	1.45	1.1	
6	ISOBUTANE	109	11520	7.60	6.2	
7	N-BUTANE	125	24437	16.12	13.2	
8	1-BUTENE	167	386	0.25	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	593	0.39	0.3	
10	ISOPENTANE	236	19095	12.60	10.3	
11	N-PENTANE	268	13669	9.02	7.4	
12	CYCLOPENTANE	298	4346	2.86	2.3	
13	HEXANES	536	19800	13.06	10.7	

READY

METHANE - 1.99 PPM

SAMPLE DATE 11/14/73

SAMPLE ID A3,GC-660, 1041 HRS.

SAMPLE NAME SMOG#3,BAG 6, 500'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	11370	9.65	6.1
2	ETHYLENE	45	8499	7.21	4.6
3	ACETYLENE	51	8095	6.87	4.3
4	PROPANE	66	13330	11.31	7.1
5	PROPYLENE	79	2745	2.32	1.4
6	PROPADIENE	93	173	0.14	0.0
7	ISOBUTANE	109	7534	6.39	4.0
8	N-BUTANE	125	16967	14.40	9.2
9	1-BUTENE	167	1037	0.87	0.5
10	ISOBUTYLENE + T-2-BUTENE	196	1569	1.33	0.7
11	ISOPENTANE	236	18210	15.46	9.8
12	N-PENTANE	268	9176	7.79	4.9
13	CYCLOPENTANE	298	370	0.31	0.1
14	1-PENTENE	345	234	0.19	0.0
15	HEXANES	536	18438	15.65	10.0

READY

METHANE - 1.85 PPM

*

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1102 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 7, 1300' PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	13024	11.19	7.0
2	ETHYLENE	45	11886	10.22	6.4
3	ACETYLENE	51	10677	9.17	5.7
4	PROPANE	66	9967	8.56	5.3
5	PROPYLENE	79	3365	2.89	1.7
6	PROPADIENE	93	186	0.15	0.0
7	ISOBUTANE	109	5373	4.61	2.8
8	N-BUTANE	125	14207	12.21	7.6
9	1-BUTENE	167	658	0.56	0.3
10	ISOBUTYLENE + T-2-BUTENE	196	1705	1.46	0.8
11	ISOPENTANE	236	17804	15.30	9.6
12	N-PENTANE	268	9251	7.95	5.0
13	CYCLOPENTANE	298	1282	1.10	0.6
14	1-PENTENE	345	211	0.18	0.0
15	HEXANES	536	16694	14.35	9.0

READY

METHANE - 1.79 PPM

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1123 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 8, 1000' PK NO BIG AREA 13

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL%
1	ETHANE	40	8077	10.07	4.3	
2	ETHYLENE	45	7920	9.87	4.2	
3	ACETYLENE	51	6598	8.22	3.5	
4	PROPANE	66	6730	8.38	3.5	
5	PROPYLENE	79	2545	3.17	1.3	
6	PROPADIENE	93	256	0.31	0.0	
7	ISOBUTANE	109	4155	5.17	2.1	
8	N-BUTANE	125	10370	12.93	5.6	
9	1-BUTENE	167	327	0.40	0.1	
10	ISOBUTYLENE + T-2-BUTENE	196	1001	1.24	0.4	
11	ISOPENTANE	236	12383	15.43	6.7	
12	N-PENTANE	268	5619	7.00	3.0	
13	HEXANES	536	14217	17.72	7.7	

READY

METHANE - 1.74 PPM

SAMPLE DATE 11/14/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660,1537 HRS.* — REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 9 * — PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6868	11.14	3.6	
2	ETHYLENE	45	5888	9.55	3.2	
3	ACETYLENE	51	5336	8.65	2.8	
4	PROPANE	66	5489	8.90	2.9	
5	PROPYLENE	79	1875	3.03	1.0	
6	PROPADIENE	93	53	0.08	0.0	
7	ISOBUTANE	109	2821	4.57	1.4	
8	N-BUTANE	125	7455	12.09	3.9	
9	1-BUTENE	167	527	0.85	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	1018	1.65	0.5	
11	ISOPENTANE	236	10298	16.70	5.5	
12	N-PENTANE	268	5144	8.34	2.7	
13	CYCLOPENTANE	298	435	0.70	0.2	
14	HEXANES	536	8427	13.67	4.5	

READY

METHANE - 1.61 PPM

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-66C, 1554 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 10 PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	16607	10.18	8.9	
2	ETHYLENE	45	13147	8.06	7.1	
3	ACETYLENE	51	13447	8.25	7.2	
4	PROPANE	66	13363	8.20	7.2	
5	PROPYLENE	79	6791	4.16	3.6	
6	ISOBUTANE	109	7718	4.73	4.1	
7	N-BUTANE	125	19215	11.78	10.3	
8	1-BUTENE	167	1268	0.77	0.6	
9	ISOBUTYLENE + T-2-BUTENE	196	3264	2.00	1.7	
10	ISOPENTANE	236	27082	16.61	14.6	
11	N-PENTANE	268	14496	8.89	7.8	
12	CYCLOPENTANE	298	3332	2.04	1.7	
13	1-PENTENE	345	265	0.16	0.0	
14	HEXANES	536	22957	14.08	12.4	

READY

METHANE - 1.89 PPM

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-66C, 1601 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 11 PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	12933	9.36	7.0
2	ETHYLENE	45	10177	7.37	5.4
3	ACETYLENE	51	10563	7.65	5.7
4	PROPANE	66	10919	7.91	5.9
5	PROPYLENE	79	4342	3.14	2.3
6	ISOBUTANE	109	6620	4.79	3.5
7	N-BUTANE	125	16044	11.62	8.6
8	1-BUTENE	167	948	0.68	0.4
9	ISOBUTYLENE + T-2-BUTENE	196	2390	1.73	1.2
10	ISOPENTANE	236	24750	17.93	13.4
11	N-PENTANE	268	12848	9.30	6.9
12	CYCLOPENTANE	298	2186	1.58	1.1
13	1-PENTENE	345	392	0.28	0.1
14	HEXANES	536	22896	16.58	12.4

READY

METHANE - 1.72 PPM

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0845 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	31992	3.32	9.0	
2	ETHYLENE	45	110115	11.43	31.1	
3	ACETYLENE	51	102119	10.60	28.8	
4	PROPANE	66	24506	2.54	6.9	
5	PROPYLENE	79	51047	5.30	14.4	
6	ISOBUTANE	109	25897	2.68	7.3	
7	N-BUTANE	125	116414	12.09	32.9	
8	1-BUTENE	167	9168	0.95	2.5	
9	ISOBUTYLENE + T-2-BUTENE	196	33854	3.51	9.5	
10	ISOPENTANE	236	195319	20.28	55.2	
11	N-PENTANE	268	67400	6.99	19.0	
12	CYCLOPENTANE	298	7326	0.75	2.0	
13	HEXANES	536	187630	19.48	53.0	

READY

METHANE - 2.28 PPM

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0850 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	20457	5.01	5.7	
2	ETHYLENE	45	33867	8.30	9.5	
3	ACETYLENE	51	27927	6.85	7.8	
4	PROPANE	66	16759	4.11	4.7	
5	PROPYLENE	79	11150	2.73	3.1	
6	PROPADIENE	93	437	0.10	0.1	
7	ISOBUTANE	109	13640	3.34	3.8	
8	N-BUTANE	125	56994	13.98	16.1	
9	1-BUTENE	167	3706	0.90	1.0	
10	ISOBUTYLENE + T-2-BUTENE	196	7202	1.76	2.0	
11	ISOPENTANE	236	89258	21.89	25.2	
12	N-PENTANE	268	36673	8.99	10.3	
13	CYCLOPENTANE	298	5516	1.35	1.5	
14	HEXANES	536	84030	20.61	23.7	

READY

METHANE - 2.25 PPM

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0900 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	27750	6.93	7.8	
2	ETHYLENE	45	30777	7.69	8.7	
3	ACETYLENE	51	36289	9.07	10.2	
4	PROPANE	66	18104	4.52	5.1	
5	PROPYLENE	79	11860	2.96	3.3	
6	PROPADIENE	93	510	0.12	0.1	
7	ISOBUTANE	109	13877	3.46	3.9	
8	N-BUTANE	125	54285	13.57	15.3	
9	1-BUTENE	167	3258	0.81	0.9	
10	ISOBUTYLENE + T-2-BUTENE	196	6215	1.55	1.7	
11	ISOPENTANE	236	81202	20.31	22.9	
12	N-PENTANE	268	34039	8.51	9.6	
13	CYCLOPENTANE	298	4932	1.23	1.3	
14	1-PENTENE	345	6361	1.58	1.7	
15	HEXANES	536	70289	17.58	19.8	

READY

METHANE - 2.13 PPM

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0905 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	22880	5.23	7.1
2	ETHYLENE	45	75451	17.27	23.4
3	ACETYLENE	51	44177	10.11	13.7
4	PROPANE	66	13326	3.05	4.1
5	PROPYLENE	79	19279	4.41	5.9
6	ISOBUTANE	109	10977	2.51	3.3
7	N-BUTANE	125	45721	10.47	14.2
8	1-BUTENE	167	3896	0.89	1.1
9	ISOBUTYLENE + T-2-BUTENE	196	9817	2.24	3.0
10	ISOPENTANE	236	69447	15.90	21.5
11	N-PENTANE	268	28496	6.52	8.8
12	CYCLOPENTANE	298	4960	1.13	1.4
13	1-PENTENE	345	1774	0.40	0.5
14	HEXANES	536	86404	19.78	26.8

READY

METHANE - 1.93 PPM

SAMPLE DATE 11/14/73
SAMPLE ID A3,GC-202, 0912 HRS.
SAMPLE NAME ARB VAN, LOS ANGELES

GC CHANNEL 1
REF. PEAK TIME 125
PK NO BIG AREA 15
PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	31866	9.25	9.9	
2	ETHYLENE	45	44069	12.80	13.6	
3	ACETYLENE	51	40740	11.83	12.6	
4	PROPANE	66	17109	4.97	5.3	
5	PROPYLENE	79	11448	3.32	3.5	
6	PROPADIENE	93	306	0.08	0.0	
7	ISOBUTANE	109	9246	2.68	2.8	
8	N-BUTANE	125	34402	9.99	10.7	
9	1-BUTENE	167	2505	0.72	0.7	
10	ISOBUTYLENE + T-2-BUTENE	196	5058	1.46	1.5	
11	ISOPENTANE	236	54436	15.82	16.8	
12	N-PENTANE	268	23343	6.78	7.2	
13	CYCLOPENTANE	298	3317	0.96	1.0	
14	1-PENTENE	345	408	0.11	0.0	
15	HEXANES	536	65827	19.12	20.4	

READY

METHANE - 2.08 PPM

SAMPLE DATE 11/14/73
SAMPLE ID A3,GC-202, 0920 HRS.
SAMPLE NAME ARB VAN, LOS ANGELES

GC CHANNEL 1
REF. PEAK TIME 125
PK NO BIG AREA 14
PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC VOL.%
1	ETHANE	40	24782	7.05	7.6
2	ETHYLENE	45	33500	9.53	10.3
3	ACETYLENE	51	22607	6.43	7.0
4	PROPANE	66	20346	5.78	6.3
5	PROPYLENE	79	7949	2.26	2.4
6	PROPADIENE	93	191	0.05	0.0
7	ISOBUTANE	109	15857	4.51	4.9
8	N-BUTANE	125	53767	15.30	16.7
9	1-BUTENE	167	2762	0.78	0.8
10	ISOBUTYLENE + T-2-BUTENE	196	4455	1.26	1.3
11	ISOPENTANE	236	66317	18.87	20.6
12	N-PENTANE	268	25557	7.27	7.8
13	CYCLOPENTANE	298	4148	1.17	1.2
14	HEXANES	536	69029	19.65	21.4

READY

METHANE - 1.87 PPM

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0930 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	16130	5.91	5.0	
2	ETHYLENE	45	33053	12.12	10.2	
3	ACETYLENE	51	26182	9.60	8.1	
4	PROPANE	66	13025	4.77	3.9	
5	PROPYLENE	79	9472	3.47	2.8	
6	ISOBUTANE	109	7952	2.91	2.4	
7	N-BUTANE	125	30887	11.32	9.6	
8	1-BUTENE	167	2004	0.73	0.5	
9	ISOBUTYLENE + T-2-BUTENE	196	5039	1.84	1.5	
10	ISOPENTANE	236	47537	17.43	14.7	
11	N-PENTANE	268	19886	7.29	6.1	
12	CYCLOPENTANE	298	3988	1.46	1.1	
13	1-PENTENE	345	731	0.26	0.1	
14	HEXANES	536	56744	20.81	17.6	

READY

METHANE - 1.87 PPM

SAMPLE DATE 11/14/73

SAMPLE ID A3,GC-660, 094C HRS.

SAMPLE NAME ARB VAN, LOS ANGELES

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 15

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	15344	8.59	8.2	
2	ETHYLENE	45	13117	7.34	6.9	
3	ACETYLENE	51	14233	7.97	7.5	
4	PROPANE	66	12220	6.84	6.4	
5	PROPYLENE	79	5686	3.18	2.9	
6	PROPADIENE	93	292	0.16	0.1	
7	ISOBUTANE	109	7073	3.96	3.7	
8	N-BUTANE	125	23553	13.18	12.5	
9	1-BUTENE	167	1099	0.61	0.5	
10	ISOBUTYLENE + T-2-BUTENE	196	2831	1.58	1.4	
11	ISOPENTANE	236	30329	16.98	16.1	
12	N-PENTANE	268	12817	7.17	6.7	
13	CYCLOPENTANE	298	1053	0.58	0.5	
14	1-PENTENE	345	88	0.04	0.0	
15	HEXANES	536	38798	21.72	20.7	

READY

METHANE - 1.78 PPM

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0950 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, LOS ANGELES PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	19882	7.89	6.1	
2	ETHYLENE	45	24576	9.76	7.5	
3	ACETYLENE	51	18489	7.34	5.7	
4	PROPANE	66	16727	6.64	5.1	
5	PROPYLENE	79	6555	2.60	2.0	
6	ISOBUTANE	109	9961	3.95	3.0	
7	N-BUTANE	125	32348	12.85	10.0	
8	1-BUTENE	167	853	0.33	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	2963	1.17	0.8	
10	ISOPENTANE	236	45830	18.20	14.2	
11	N-PENTANE	268	20548	8.16	6.3	
12	CYCLOPENTANE	298	2976	1.18	0.8	
13	1-PENTENE	345	456	0.18	0.0	
14	HEXANES	536	49500	19.66	15.3	

READY

METHANE - 1.83 PPM

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1500 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, ALHAMBRA PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	11302	7.40	6.0	
2	ETHYLENE	45	8855	5.80	4.6	
3	ACETYLENE	51	10625	6.96	5.6	
4	PROPANE	66	10032	6.57	5.3	
5	PROPYLENE	79	3781	2.47	1.9	
6	ISOBUTANE	109	7407	4.85	3.9	
7	N-BUTANE	125	21314	13.96	11.3	
8	1-BUTENE	167	1443	0.94	0.7	
9	ISOBUTYLENE + T-2-BUTENE	196	2368	1.55	1.2	
10	ISOPENTANE	236	29122	19.07	15.5	
11	N-PENTANE	268	13354	8.74	7.1	
12	CYCLOPENTANE	298	1420	0.92	0.7	
13	1-PENTENE	345	351	0.22	0.1	
14	HEXANES	536	31239	20.46	16.6	

READY

METHANE - 2.02 PPM

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1520 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, SAN GABRIEL PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	10381	7.10	5.5
2	ETHYLENE	45	9682	6.62	5.1
3	ACETYLENE	51	10660	7.29	5.7
4	PROPANE	66	9384	6.42	5.0
5	PROPYLENE	79	4402	3.01	2.3
6	ISOBUTANE	109	6980	4.77	3.6
7	N-BUTANE	125	19571	13.39	10.4
8	1-BUTENE	167	1179	0.80	0.6
9	ISOBUTYLENE + T-2-BUTENE	196	2274	1.55	1.1
10	ISOPENTANE	236	27485	18.80	14.6
11	N-PENTANE	268	12345	8.44	6.5
12	CYCLOPENTANE	298	1479	1.01	0.7
13	1-PENTENE	345	356	0.24	0.1
14	HEXANES	536	29940	20.48	16.0

READY

METHANE - 1.93 PPM

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1530 HRS. REF. PEAK TIME 125

SAMPLE NAME ARD VAN, TURTLE CITY PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	8480	6.32	4.5
2	ETHYLENE	45	9026	6.72	4.7
3	ACETYLENE	51	11920	8.88	6.3
4	PROPANE	66	7939	5.91	4.2
5	PROPYLENE	79	3417	2.54	1.7
6	ISOBUTANE	109	6142	4.57	3.2
7	N-BUTANE	125	22619	16.85	12.0
8	1-BUTENE	167	647	0.48	0.3
9	ISOBUTYLENE + T-2-BUTENE	196	1484	1.10	0.7
10	ISOPENTANE	236	25291	18.84	13.5
11	N-PENTANE	268	10552	7.86	5.6
12	CYCLOPENTANE	298	744	0.55	0.3
13	1-PENTENE	345	86	0.06	0.0
14	HEXANES	536	25787	19.21	13.7

READY

METHANE - 1.91 PPM

SAMPLE DATE 11/14/73

SAMPLE ID A3,GC-660, 1542 HRS.

SAMPLE NAME ARB VAN, ARCADIA

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PMHC VOL.%
1	ETHANE	40	8560	6.15	4.5
2	ETHYLENE	45	8184	5.88	4.3
3	ACETYLENE	51	11095	7.98	5.8
4	PROPANE	66	8263	5.94	4.3
5	PROPYLENE	79	2841	2.04	1.4
6	ISOBUTANE	109	5631	4.04	2.9
7	N-BUTANE	125	19484	1[illegible].01	10.3
8	1-BUTENE	167	629	0.45	0.3
9	ISOBUTYLENE + T-2-BUTENE	196	1399	1.00	0.7
10	ISOPENTANE	236	28842	20.74	15.3
11	N-PENTANE	268	14528	10.44	7.7
12	CYCLOPENTANE	298	769	0.55	0.3
13	HEXANES	536	28773	20.70	15.3

READY

METHANE = 1.84 PPM

*

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 1555 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, ARCADIA PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11494	7.08	6.0	
2	ETHYLENE	45	11015	6.79	5.8	
3	ACETYLENE	51	12413	7.65	6.6	
4	PROPANE	66	10579	6.52	5.6	
5	PROPYLENE	79	5292	3.26	2.8	
6	ISOBUTANE	109	7535	4.64	3.9	
7	N-BUTANE	125	19611	12.09	10.4	
8	1-BUTENE	167	885	0.54	0.4	
9	ISOBUTYLENE + T-2-BUTENE	196	2188	1.34	1.0	
10	ISOPENTANE	236	28870	17.80	15.3	
11	N-PENTANE	268	12385	7.63	6.5	
12	CYCLOPENTANE	298	744	0.45	0.3	
13	1-PENTENE	345	573	0.35	0.2	
14	HEXANES	536	38598	23.79	20.6	

READY

METHANE - 2.08 PPM

SAMPLE DATE 11/14/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 1600 HRS. — REF. PEAK TIME 125

SAMPLE NAME ARB VAN, ARCADIA — PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	12443	9.88	6.6	
2	ETHYLENE	45	6725	5.34	3.5	
3	ACETYLENE	51	9217	7.32	4.9	
4	PROPANE	66	11047	8.77	5.8	
5	PROPYLENE	79	3488	2.77	1.7	
6	ISOBUTANE	109	6341	5.03	3.3	
7	N-BUTANE	125	18083	14.36	9.6	
8	1-BUTENE	167	656	0.51	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1359	1.07	0.7	
10	ISOPENTANE	236	19232	15.28	10.2	
11	N-PENTANE	268	11032	8.76	5.8	
12	CYCLOPENTANE	298	266	0.21	0.0	
13	1-PENTENE	345	267	0.21	0.0	
14	HEXANES	536	25690	20.41	13.6	

READY

METHANE - 2.97 PPM

*

SAMPLE DATE 11/14/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 1615 HRS. REF. PEAK TIME 125

SAMPLE NAME ARB VAN, IRWINDALE PK NO BIG AREA 14

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	18923	8.99	5.8	
2	ETHYLENE	45	21381	10.16	6.6	
3	ACETYLENE	51	12842	6.10	3.9	
4	PROPANE	66	14459	6.87	4.4	
5	PROPYLENE	79	5466	2.60	1.6	
6	ISOBUTANE	109	9216	4.38	2.8	
7	N-BUTANE	125	23946	11.38	7.4	
8	1-BUTENE	167	954	0.45	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	2700	1.28	0.7	
10	ISOPENTANE	236	33163	15.77	10.3	
11	N-PENTANE	268	15575	7.40	4.8	
12	CYCLOPENTANE	298	2517	1.19	0.7	
13	1-PENTENE	345	687	0.32	0.1	
14	HEXANES	536	48377	23.01	15.0	

READY

METHANE -1.93 PPM

SAMPLE DATE 11/15/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0903 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 1, 8000' PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	11209	10.58	3.3
2	ETHYLENE	45	13608	12.85	4.0
3	ACETYLENE	51	7683	7.26	2.3
4	PROPANE	66	7842	7.40	2.3
5	PROPYLENE	79	2607	2.46	0.7
6	ISOBUTANE	109	4731	4.46	1.4
7	N-BUTANE	125	14002	13.22	4.2
8	1-BUTENE	167	156	0.14	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	1123	1.05	0.3
10	ISOPENTANE	236	15481	14.62	4.6
11	N-PENTANE	268	5471	5.16	1.6
12	HEXANES	536	21911	20.70	6.5

READY

METHANE - 1.60 PPM

*

SAMPLE DATE 11/15/73 GC CHANNEL 1

SAMPLE ID A3,GC-202, 0911 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 2, 8000' PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5629	10.25	1.6	
2	ETHYLENE	45	11817	21.53	3.5	
3	ACETYLENE	51	4533	8.25	1.3	
4	PROPANE	66	2718	4.95	0.8	
5	PROPYLENE	79	1755	3.19	0.5	
6	ISOBUTANE	109	1739	3.16	0.5	
7	N-BUTANE	125	5221	9.51	1.5	
8	1-BUTENE	167	248	0.45	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	597	1.08	0.1	
10	ISOPENTANE	236	6343	11.55	1.9	
11	N-PENTANE	268	2022	3.68	0.6	
12	HEXANES	536	12251	22.32	3.6	

READY

METHANE - 1.50 PPM

SAMPLE DATE 11/15/73

SAMPLE ID A3,GC-202, 0919 HRS.

SAMPLE NAME SMOG#2,BAG 3, 8000'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4786	10.89	1.4	
2	ETHYLENE	45	4372	9.94	1.3	
3	ACETYLENE	51	2221	5.05	0.6	
4	PROPANE	66	3334	7.58	1.0	
5	PROPYLENE	79	636	1.44	0.1	
6	ISOBUTANE	109	2114	4.80	0.6	
7	N-BUTANE	125	4978	11.32	1.4	
8	ISOPENTANE	236	6179	14.06	1.8	
9	N-PENTANE	268	2347	5.34	0.7	
10	HEXANES	536	12971	29.51	3.8	

READY

METHANE - 1.56 PPM

*

SAMPLE DATE 11/15/73 — GC CHANNEL 1

SAMPLE ID A3,GC-202, 0929 HRS. — REF. PEAK TIME 125

SAMPLE NAME SMOG#2,BAG 4, 8000' — PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13067	13.10	3.9	
2	ETHYLENE	45	12865	12.90	3.8	
3	ACETYLENE	51	7889	7.91	2.3	
4	PROPANE	66	7523	7.54	2.2	
5	PROPYLENE	79	2616	2.62	0.7	
6	ISOBUTANE	109	4180	4.19	1.2	
7	N-BUTANE	125	12364	12.39	3.7	
8	ISOPENTANE	236	11674	11.70	3.5	
9	N-PENTANE	268	5598	5.61	1.6	
10	HEXANES	536	21918	21.98	6.5	

READY

METHANE - 1.53 PPM

SAMPLE DATE 11/15/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0905 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 1, 8000' PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14110	12.43	7.6	
2	ETHYLENE	45	10343	9.11	5.6	
3	ACETYLENE	51	10096	8.89	5.4	
4	PROPANE	66	10611	9.34	5.7	
5	PROPYLENE	79	3876	3.41	2.0	
6	ISOBUTANE	109	5837	5.14	3.1	
7	N-BUTANE	125	14029	12.35	7.5	
8	1-BUTENE	167	662	0.58	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	771	0.67	0.3	
10	ISOPENTANE	236	17748	15.63	9.6	
11	N-PENTANE	268	9242	8.14	5.0	
12	CYCLOPENTANE	298	1005	0.88	0.4	
13	1-PENTENE	345	70	0.06	0.0	
14	HEXANES	536	15083	13.29	8.2	

READY

METHANE - 1.65 PPM

*

SAMPLE DATE 11/15/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0913 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 2, 8000' PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8291	12.67	4.4	
2	ETHYLENE	45	6338	9.68	3.4	
3	ACETYLENE	51	6125	9.35	3.2	
4	PROPANE	66	6043	9.23	3.2	
5	PROPYLENE	79	2060	3.14	1.0	
6	PROPADIENE	93	66	0.10	0.0	
7	ISOBUTANE	109	2936	4.48	1.5	
8	N-BUTANE	125	7729	11.81	4.1	
9	1-BUTENE	167	436	0.66	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	1044	1.59	0.5	
11	ISOPENTANE	236	10323	15.77	5.5	
12	N-PENTANE	268	4878	7.45	2.5	
13	HEXANES	536	9160	13.99	4.9	

READY

METHANE - 1.55 PPM

SAMPLE DATE 11/15/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 0919 HRS. REF. PEAK TIME 125

SAMPLE NAME SMOG#3,BAG 3, 8000' PK NO BIG AREA 1

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PPMC	VOL.%
1	ETHANE	40	6392	16.50	3.4	
2	ETHYLENE	45	3593	9.27	1.9	
3	ACETYLENE	51	4041	10.43	2.1	
4	PROPANE	66	4136	10.67	2.1	
5	PROPYLENE	79	1592	4.11	0.8	
6	ISOBUTANE	109	2482	6.40	1.3	
7	N-BUTANE	125	5837	15.07	3.1	
8	1-BUTENE	167	157	0.40	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	566	1.45	0.2	
10	ISOPENTANE	236	6063	15.65	3.2	
11	N-PENTANE	268	2282	5.89	1.1	
12	HEXANES	536	1582	4.08	0.8	

READY

METHANE - 1.57 PPM

*

SAMPLE DATE 11/15/73

SAMPLE ID A3,GC-660, 0928 HRS.

SAMPLE NAME SMOG#3,BAG 4, 8000'

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	2863	10.95	1.4	
2	ETHYLENE	45	2821	10.79	1.4	
3	ACETYLENE	51	2302	8.80	1.2	
4	PROPANE	66	1895	7.24	1.0	
5	PROPYLENE	79	343	1.31	0.1	
6	ISOBUTANE	109	895	3.42	0.4	
7	N-BUTANE	125	2721	10.40	1.4	
8	1-BUTENE	167	49	0.18	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	499	1.90	0.2	
10	ISOPENTANE	236	4683	17.91	2.5	
11	N-PENTANE	268	1387	5.30	0.7	
12	CYCLOPENTANE	298	62	0.23	0.0	
13	HEXANES	536	5615	21.48	3.0	

READY

METHANE - 1.50 PPM

*

SAMPLE DATE 10/04/73 GC CHANNEL 1

SAMPLE ID A2,GC-900, 1106 HRS. REF. PEAK TIME 418

SAMPLE NAME SMOG#3,BAG 4, 700' PK NO BIC AREA 2

PK NO REF PEAK 25

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	N-BUTANE	65	17949	12.73	19.4	
2	ISOPENTANE	105	23308	16.53	25.2	
3	N-PENTANE	127	9970	7.07	10.7	
4	CYCLOPENTANE	184	1131	0.79	1.2	
5	2,3-DIMETHYLBUTANE	192	2101	1.48	2.2	
6	2-METHYLPENTANE	198	7659	5.43	8.2	
7	3-METHYLPENTANE	214	5287	3.75	5.7	
8	N-HEXANE	237	6256	4.43	6.7	
9	METHYLCYCLOPENTANE	262	4720	3.34	5.1	
10	2,4-DIMETHYLPENTANE	273	7805	5.53	8.4	
11	3,3-DIMETHYLPENTANE	306	1165	0.82	1.2	
12	2-METHYLHEXANE	323	3393	2.40	3.6	
13	2,3-DIMETHYLPENTANE	326	2486	1.76	2.6	
14	3-METHYLHEXANE	335	3543	2.51	3.8	
15	1CIS3DIMETHYLCYCLOPENTANE	337	1538	1.08	1.6	
16	1TRANS3DIMTHLCYCLOPENTANE	343	1478	1.04	1.5	
17	3-ETHYLPENTANE	346	1692	1.19	1.8	
18	2,2,4-TRIMETHYLPENTANE	349	2922	2.07	3.1	
19	N-HEPTANE	367	3061	2.16	3.3	
20	1CIS2DIMETHYLCYCLOPENTANE	385	300	0.21	0.3	

SAMPLE DATE 10/04/73 GC CHANNEL 1

SAMPLE ID A2,GC-900, 1106 HRS. REF. PEAK TIME 418

SAMPLE NAME SMOG#3,BAG 4, 700' PK NO BIG AREA 2

PK NO REF PEAK 25

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
21	METHYLCYCLOHEXANE	391	2641	1.87	2.8	
22	2,5-DIMETHYLHEXANE	404	656	0.46	0.7	
23	2,4-DIMETHYLHEXANE	406	906	0.64	0.9	
24	1T2C4TRIMETHLCYCLOPENTANE	414	150	0.10	0.1	
25	TOLUENE	418	14570	10.33	15.7	
26	1T2C3TRIMETHLCYCLOPENTANE	422	380	0.26	0.4	
27	2,3,4-TRIMETHYLPENTANE	429	965	0.68	1.0	
28	2,3,3-TRIMETHYLPENTANE	43[illegible]	884	0.62	0.9	
29	2,3-DIMETHYLHEXANE	441	545	0.38	0.5	
30	2-METHYLHEPTANE	448	1003	0.71	1.0	
31	3-METHYLHEPTANE	457	1087	0.76	1.1	
32	2,2,5-TRIMETHYLHEXANE	461	300	0.21	0.3	
33	1,1-DIMETHYLCYCLOHEXANE	468	150	0.10	0.1	
34	1-T-2-DIMETHYLCYCLOHEXANE	488	1039	0.73	1.1	
35	N-OCTANE	491	911	0.64	0.9	
36	ETHYLBENZENE	531	1538	1.08	1.6	
37	P-XYLENE	549	1047	0.74	1.1	
38	M-XYLENE	551	2460	1.74	2.6	
39	O-XYLENE	574	1199	0.84	1.2	
40	N-NONANE	608	751	0.53	0.8	

READY

*

SAMPLE DATE 10/04/73 — GC CHANNEL 1

SAMPLE ID A2,GC-900, 1320 HRS. — REF. PEAK TIME 418

SAMPLE NAME SMOG#3,BAG 10, 1000' — PK NO BIG AREA 2

PK NO REF PEAK 25

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	N-BUTANE	65	11862	15.59	13.7	
2	ISOPENTANE	105	13039	17.13	15.1	
3	N-PENTANE	127	6217	8.16	7.2	
4	CYCLOPENTANE	184	575	0.75	0.6	
5	2,3-DIMETHYLBUTANE	192	882	1.15	1.0	
6	2-METHYLPENTANE	198	4201	5.52	4.8	
7	3-METHYLPENTANE	214	2823	3.70	3.2	
8	N-HEXANE	237	3015	3.96	3.5	
9	METHYLCYCLOPENTANE	262	2332	3.06	2.7	
10	2,4-DIMETHYLPENTANE	273	3816	5.01	4.4	
11	3,3-DIMETHYLPENTANE	306	628	0.82	0.7	
12	2-METHYLHEXANE	323	1636	2.14	1.8	
13	2,3-DIMETHYLPENTANE	326	1086	1.42	1.2	
14	3-METHYLHEXANE	335	1780	2.33	2.0	
15	1CIS3DIMETHYLCYCLOPENTANE	337	581	0.76	0.6	
16	1TRANS3DIMTHLCYCLOPENTANE	343	761	0.99	0.8	
17	3-ETHYLPENTANE	346	820	1.07	0.9	
18	2,2,4-TRIMETHYLPENTANE	349	1170	1.53	1.3	
19	N-HEPTANE	367	1775	2.33	2.0	
20	1CIS2DIMETHYLCYCLOPENTANE	385	196	0.25	0.2	

*

SAMPLE DATE 10/04/73 GC CHANNEL 1

SAMPLE ID A2, GC-900, 1320 HRS. REF. PEAK TIME 418

SAMPLE NAME SMOG#3, BAG 10, 1000' PK NO BIG AREA 2

PK NO REF PEAK 25

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
21	METHYLCYCLOHEXANE	391	1568	2.05	1.8	
22	2,5-DIMETHYLHEXANE	404	216	0.28	0.2	
23	2,4-DIMETHYLHEXANE	406	350	0.45	0.4	
24	1T2C4TRIMETHLCYCLOPENTANE	414	200	0.26	0.2	
25	TOLUENE	418	7327	9.62	8.5	
26	1T2C3TRIMETHLCYCLOPENTANE	422	200	0.26	0.2	
27	2,3,4-TRIMETHYLPENTANE	429	420	0.54	0.4	
28	2,3,3-TRIMETHYLPENTANE	436	320	0.41	0.3	
29	2,3-DIMETHYLHEXANE	441	351	0.46	0.4	
30	2-METHYLHEPTANE	448	576	0.75	0.6	
31	3-METHYLHEPTANE	457	538	0.70	0.6	
32	2,2,5-TRIMETHYLHEXANE	461	134	0.17	0.1	
33	1,1-DIMETHYLCYCLOHEXANE	468	220	0.28	0.2	
34	1-T-2-DIMETHYLCYCLOHEXANE	488	562	0.73	0.6	
35	N-OCTANE	491	709	0.93	0.8	
36	ETHYLBENZENE	531	996	1.30	1.1	
37	P-XYLENE	549	513	0.67	0.5	
38	M-XYLENE	551	1152	1.51	1.3	
39	O-XYLENE	574	530	0.69	0.6	

READY

*

SAMPLE DATE	10/16/73	GC CHANNEL	1
SAMPLE ID	A2,GC-900, 1115 HRS.	REF. PEAK TIME	418
SAMPLE NAME	SMOG#2,BAG 3, 500'	PK NO BIG AREA	2
		PK NO REF PEAK	25

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	N-BUTANE	65	15914	14.85	18.1	
2	ISOPENTANE	105	17822	16.63	20.2	
3	N-PENTANE	127	8508	7.94	9.6	
4	CYCLOPENTANE	184	811	0.75	0.9	
5	2,3-DIMETHYLBUTANE	192	1517	1.41	1.7	
6	2-METHYLPENTANE	198	6004	5.60	6.8	
7	3-METHYLPENTANE	214	3863	3.60	4.3	
8	N-HEXANE	237	4386	4.09	4.9	
9	METHYLCYCLOPENTANE	262	3606	3.36	4.1	
10	2,4-DIMETHYLPENTANE	273	5684	5.30	6.4	
11	3,3-DIMETHYLPENTANE	306	1072	0.99	1.2	
12	2-METHYLHEXANE	323	2561	2.38	2.9	
13	2,3-DIMETHYLPENTANE	326	1892	1.76	2.1	
14	3-METHYLHEXANE	335	2622	2.44	2.9	
15	1CIS3DIMETHYLCYCLOPENTANE	337	1120	1.04	1.2	
16	1TRANS3DIMTHLCYCLOPENTANE	343	1159	1.08	1.3	
17	3-ETHYLPENTANE	346	1475	1.37	1.6	
18	2,2,4-TRIMETHYLPENTANE	349	1802	1.68	2.0	
19	N-HEPTANE	367	2671	2.49	3.0	
20	1CIS2DIMETHYLCYCLOPENTANE	385	280	0.25	0.3	

*

SAMPLE DATE 10/16/73 GC CHANNEL 1

SAMPLE ID A2,GC-900, 1115 HRS. REF. PEAK TIME 418

SAMPLE NAME SMOG#2,BAG 3, 500' PK NO BIG AREA 2

PK NO REF PEAK 25

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
21	METHYLCYCLOHEXANE	391	2435	2.27	2.7	
22	2,5-DIMETHYLHEXANE	404	600	0.55	0.6	
23	2,4-DIMETHYLHEXANE	406	840	0.78	0.9	
24	1T2C4TRIMETHLCYCLOPENTANE	414	120	0.10	0.1	
25	TOLUENE	418	9971	9.30	11.3	
26	1T2C3TRIMETHLCYCLOPENTANE	422	200	0.18	0.2	
27	2,3,4-TRIMETHYLPENTANE	429	520	0.48	0.5	
28	2,3,3-TRIMETHYLPENTANE	436	547	0.50	0.6	
29	2,3-DIMETHYLHEXANE	441	401	0.37	0.4	
30	2-METHYLHEPTANE	448	782	0.72	0.8	
31	3-METHYLHEPTANE	457	871	0.81	0.9	
32	2,2,5-TRIMETHYLHEXANE	461	190	0.17	0.2	
33	1,1-DIMETHYLCYCLOHEXANE	468	450	0.41	0.5	
34	1-T-2-DIMETHYLCYCLOHEXANE	488	556	0.51	0.6	
35	N-OCTANE	491	817	0.75	0.9	
36	ETHYLBENZENE	531	683	0.63	0.7	
37	P-XYLENE	549	602	0.56	0.6	
38	M-XYLENE	551	1259	1.17	1.4	
39	O-XYLENE	574	514	0.47	0.5	

READY

*

SAMPLE DATE 10/16/73 GC CHANNEL 1

SAMPLE ID A2,GC-900, 1345 HRS. REF. PEAK TIME 418

SAMPLE NAME SMOG#3,BAG 7, 720' PK NO BIG AREA 2

PK NO REF PEAK 25

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	N-BUTANE	65	17900	13.33	17.7	
2	ISOPENTANE	105	21397	15.93	21.1	
3	N-PENTANE	127	9506	7.08	9.3	
4	CYCLOPENTANE	184	919	0.68	0.9	
5	2,3-DIMETHYLBUTANE	192	1780	1.32	1.7	
6	2-METHYLPENTANE	198	6920	5.15	6.8	
7	3-METHYLPENTANE	214	4675	3.48	4.6	
8	N-HEXANE	237	6965	5.18	6.8	
9	METHYLCYCLOPENTANE	262	4147	3.08	4.1	
10	2,4-DIMETHYLPENTANE	273	7028	5.23	6.9	
11	3,3-DIMETHYLPENTANE	306	1098	0.81	1.0	
12	2-METHYLHEXANE	323	3174	2.36	3.1	
13	2,3-DIMETHYLPENTANE	326	2349	1.74	2.3	
14	3-METHYLHEXANE	335	3284	2.44	3.2	
15	1CIS3DIMETHYLCYCLOPENTANE	337	1331	0.98	1.3	
16	1TRANS3DIMTHLCYCLOPENTANE	343	1435	1.06	1.4	
17	3-ETHYLPENTANE	346	1920	1.42	1.8	
18	2,2,4-TRIMETHYLPENTANE	349	2266	1.68	2.2	
19	N-HEPTANE	367	3778	2.81	3.7	
20	1CIS2DIMETHYLCYCLOPENTANE	385	443	0.32	0.4	

SAMPLE DATE 10/16/73 GC CHANNEL 1

SAMPLE ID A2,GC-900, 1345 HRS. REF. PEAK TIME 418

SAMPLE NAME SMOG#3,BAG 7, 720' PK NO BIG AREA 2

PK NO REF PEAK 25

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
21	METHYLCYCLOHEXANE	391	3318	2.46	3.2	
22	2,5-DIMETHYLHEXANE	404	473	0.35	0.4	
23	2,4-DIMETHYLHEXANE	406	585	0.43	0.5	
24	1T2C4TRIMETHLCYCLOPENTANE	414	270	0.19	0.2	
25	TOLUENE	418	14921	11.11	14.7	
26	1T2C3TRIMETHLCYCLOPENTANE	422	240	0.17	0.2	
27	2,3,4-TRIMETHYLPENTANE	429	927	0.68	0.9	
28	2,3,3-TRIMETHYLPENTANE	436	715	0.53	0.7	
29	2,3-DIMETHYLHEXANE	441	455	0.33	0.4	
30	2-METHYLHEPTANE	448	1069	0.79	1.0	
31	3-METHYLHEPTANE	457	1060	0.78	1.0	
32	2,2,5-TRIMETHYLHEXANE	461	190	0.14	0.1	
33	1,1-DIMETHYLCYCLOHEXANE	468	494	0.36	0.4	
34	1-T-2-DIMETHYLCYCLOHEXANE	488	1402	1.04	1.3	
35	N-OCTANE	491	1222	0.90	1.2	
36	ETHYLBENZENE	531	1351	1.00	1.3	
37	P-XYLENE	549	818	0.60	0.8	
38	M-XYLENE	551	1637	1.21	1.6	
39	O-XYLENE	574	797	0.59	0.7	

READY

*

SAMPLE DATE 08/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 00-0200 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	11812	10.75	5.4
2	ETHYLENE	45	8416	7.65	3.9
3	ACETYLENE	51	6715	6.10	3.0
4	PROPANE	66	11698	10.64	5.3
5	PROPYLENE	79	2686	2.44	1.1
6	ISOBUTANE	109	4317	3.92	1.9
7	N-BUTANE	125	11557	10.51	5.3
8	1-BUTENE	167	1639	1.48	0.7
9	ISOBUTYLENE + T-2-BUTENE	196	2617	2.38	1.1
10	ISOPENTANE	236	20837	18.96	9.6
11	N-PENTANE	268	9312	8.47	4.2
12	CYCLOPENTANE	298	514	0.46	0.2
13	HEXANES	536	17737	16.14	8.2

READY

*

SAMPLE DATE 08/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 02-0400 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14452	19.57	5.8	
2	ETHYLENE	45	4845	6.56	1.9	
3	ACETYLENE	51	1790	2.42	0.7	
4	PROPANE	66	9208	12.46	3.6	
5	PROPYLENE	79	1326	1.79	0.4	
6	ISOBUTANE	109	3466	4.69	1.4	
7	N-BUTANE	125	7256	9.82	2.8	
8	1-BUTENE	167	591	0.79	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	460	0.62	0.1	
10	ISOPENTANE	236	8858	11.99	3.5	
11	N-PENTANE	268	4028	5.45	1.5	
12	CYCLOPENTANE	298	295	0.39	0.0	
13	HEXANES	536	17253	23.36	6.9	

READY

*

SAMPLE DATE 08/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 04-0600 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9640	14.09	3.9	
2	ETHYLENE	45	6081	8.88	2.4	
3	ACETYLENE	51	5927	8.66	2.3	
4	PROPANE	66	6411	9.37	2.5	
5	PROPYLENE	79	2226	3.25	0.8	
6	ISOBUTANE	109	2195	3.20	0.8	
7	N-BUTANE	125	6711	9.81	2.6	
8	1-BUTENE	167	381	0.55	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	3505	5.12	1.4	
10	ISOPENTANE	236	9554	13.96	3.8	
11	N-PENTANE	268	3367	4.92	1.3	
12	CYCLOPENTANE	298	258	0.37	0.0	
13	HEXANES	536	12139	17.74	4.9	

READY

*

SAMPLE DATE 08/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 06-0800 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 1

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	20467	17.10	8.2	
2	ETHYLENE	45	14169	11.84	5.7	
3	ACETYLENE	51	7341	6.13	2.9	
4	PROPANE	66	14694	12.27	5.9	
5	PROPYLENE	79	3327	2.78	1.3	
6	PROPADIENE	93	292	0.24	0.0	
7	ISOBUTANE	109	4923	4.11	1.9	
8	N-BUTANE	125	11523	9.62	4.6	
9	1-BUTENE	167	240	0.19	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	1806	1.50	0.7	
11	ISOPENTANE	236	15813	13.21	6.4	
12	N-PENTANE	268	6016	5.02	2.4	
13	CYCLOPENTANE	298	709	0.59	0.2	
14	HEXANES	536	18340	15.32	7.4	

READY

*

SAMPLE DATE 08/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 08-1000 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10021	8.83	4.0	
2	ETHYLENE	45	11245	9.90	4.5	
3	ACETYLENE	51	9029	7.95	3.5	
4	PROPANE	66	9559	8.42	3.8	
5	PROPYLENE	79	3431	3.02	1.3	
6	ISOBUTANE	109	4799	4.22	1.8	
7	N-BUTANE	125	13092	11.53	5.3	
8	1-BUTENE	167	356	0.31	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	1554	1.36	0.6	
10	ISOPENTANE	236	19129	16.85	7.7	
11	N-PENTANE	268	7213	6.35	2.8	
12	CYCLOPENTANE	298	870	0.76	0.3	
13	HEXANES	536	23162	20.41	9.3	

READY

*

SAMPLE DATE 08/27/73

SAMPLE ID A3,GC-660, 10-1200

SAMPLE NAME APCD, LOS ANGELES

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 2

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	24510	17.77	11.3	
2	ETHYLENE	45	25281	18.34	11.7	
3	ACETYLENE	51	16792	12.17	7.7	
4	PROPANE	66	11729	8.50	5.3	
5	PROPYLENE	79	3335	2.41	1.4	
6	ISOBUTANE	109	4409	3.19	2.0	
7	N-BUTANE	125	11330	8.21	5.2	
8	1-BUTENE	167	297	0.21	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	1196	0.86	0.5	
10	ISOPENTANE	236	16481	11.95	7.5	
11	N-PENTANE	268	6818	4.94	3.1	
12	HEXANES	536	15659	11.35	7.2	

READY

*

SAMPLE DATE 08/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 12-1400 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9532	10.70	4.3	
2	ETHYLENE	45	6845	7.69	3.1	
3	ACETYLENE	51	6245	7.01	2.8	
4	PROPANE	66	8405	9.44	3.8	
5	PROPYLENE	79	1758	1.97	0.7	
6	ISOBUTANE	109	4263	4.78	1.9	
7	N-BUTANE	125	11142	12.51	5.1	
8	1-BUTENE	167	156	0.17	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	879	0.98	0.3	
10	ISOPENTANE	236	17715	19.90	8.2	
11	N-PENTANE	268	7109	7.98	3.2	
12	CYCLOPENTANE	298	210	0.23	0.0	
13	HEXANES	536	14746	16.56	6.7	

READY

*

SAMPLE DATE 08/27/73

SAMPLE ID A3, GC-660, 14-1600

SAMPLE NAME APCD, LOS ANGELES

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6369	11.30	2.8	
2	ETHYLENE	45	3789	6.72	1.7	
3	ACETYLENE	51	4253	7.54	1.9	
4	PROPANE	66	6047	10.73	2.7	
5	PROPYLENE	79	1422	2.52	0.6	
6	ISOBUTANE	109	2502	4.44	1.0	
7	N-BUTANE	125	6544	11.61	2.9	
8	1-BUTENE	167	302	0.53	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	491	0.86	0.1	
10	ISOPENTANE	236	11130	19.75	5.1	
11	N-PENTANE	268	4439	7.87	2.0	
12	CYCLOPENTANE	298	118	0.20	0.0	
13	HEXANES	536	8929	15.84	4.1	

READY

*

SAMPLE DATE 08/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-650, 16-1800 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 8

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3117	9.41	1.4	
2	ETHYLENE	45	4681	14.14	2.1	
3	ACETYLENE	51	5140	15.52	2.3	
4	PROPANE	66	2971	8.97	1.3	
5	PROPYLENE	79	1507	4.55	0.6	
6	ISOBUTANE	109	1334	4.02	0.5	
7	N-BUTANE	125	4127	12.46	1.8	
8	ISOPENTANE	236	6841	20.66	3.1	
9	N-PENTANE	268	2143	6.47	0.9	
10	HEXANES	536	1239	3.74	0.5	

READY

*

SAMPLE DATE 08/27/73 | GC CHANNEL 1

SAMPLE ID A3,GC-660, 18-2000 | REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES | PK NO BIG AREA 9

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3718	9.55	1.7	
2	ETHYLENE	45	3860	9.92	1.7	
3	ACETYLENE	51	3896	10.01	1.7	
4	PROPANE	66	2641	6.78	1.1	
5	PROPYLENE	79	1717	4.41	0.7	
6	ISOBUTANE	109	1188	3.05	0.5	
7	N-BUTANE	125	3766	9.68	1.7	
8	ISOBUTYLENE + T-2-BUTENE	196	501	1.28	0.1	
9	ISOPENTANE	236	7468	19.19	3.4	
10	N-PENTANE	268	2580	6.63	1.1	
11	CYCLOPENTANE	298	438	1.12	0.1	
12	HEXANES	536	7124	18.31	3.2	

READY

*

SAMPLE DATE 08/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 20-2200 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 9

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	5748	11.72	2.6
2	ETHYLENE	45	4651	9.48	2.1
3	ACETYLENE	51	4041	8.24	1.8
4	PROPANE	66	4522	9.22	2.0
5	PROPYLENE	79	1579	3.21	0.7
6	ISOBUTANE	109	2103	4.28	0.9
7	N-BUTANE	125	5853	11.93	2.6
8	ISOBUTYLENE + T-2-BUTENE	196	587	1.19	0.2
9	ISOPENTANE	236	9546	19.47	4.3
10	N-PENTANE	268	5418	11.05	2.5
11	CYCLOPENTANE	298	136	0.27	0.0
12	HEXANES	536	4839	9.86	2.1

READY

*

SAMPLE DATE 08/27/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 22-2400 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 9

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8610	14.05	3.9	
2	ETHYLENE	45	4701	7.67	2.1	
3	ACETYLENE	51	4316	7.04	1.9	
4	PROPANE	66	6082	9.92	2.8	
5	PROPYLENE	79	1818	2.96	0.7	
6	ISOBUTANE	109	2730	4.45	1.2	
7	N-BUTANE	125	7213	11.77	3.2	
8	ISOBUTYLENE + T-2-BUTENE	196	275	0.44	0.0	
9	ISOPENTANE	236	11751	19.18	5.3	
10	N-PENTANE	268	4758	7.76	2.1	
11	CYCLOPENTANE	298	216	0.35	0.0	
12	HEXANES	536	8780	14.33	4.0	

READY

*

SAMPLE DATE 08/28/73

SAMPLE ID A3,GC-660, 00-0200

SAMPLE NAME APCD, LOS ANGELES

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9653	13.95	4.4	
2	ETHYLENE	45	6200	8.96	2.8	
3	ACETYLENE	51	3967	5.73	1.7	
4	PROPANE	66	8500	12.29	3.9	
5	PROPYLENE	79	1597	2.30	0.7	
6	ISOBUTANE	109	2782	4.02	1.2	
7	N-BUTANE	125	7928	11.46	3.6	
8	1-BUTENE	167	236	0.33	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	1279	1.84	0.5	
10	ISOPENTANE	236	12235	17.69	5.6	
11	N-PENTANE	268	5577	8.06	2.5	
12	CYCLOPENTANE	298	241	0.34	0.0	
13	HEXANES	536	8944	12.93	4.1	

READY

*

SAMPLE DATE 08/28/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 02-0400 — REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES — PK NO BIG AREA 1

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	14129	25.69	6.4	
2	ETHYLENE	45	4577	8.32	2.1	
3	ACETYLENE	51	2279	4.14	1.0	
4	PROPANE	66	8568	15.58	3.9	
5	PROPYLENE	79	1066	1.93	0.4	
6	ISOBUTANE	109	3133	5.69	1.4	
7	N-BUTANE	125	6317	11.48	2.8	
8	ISOBUTYLENE + T-2-BUTENE	196	636	1.15	0.2	
9	ISOPENTANE	236	7230	13.15	3.2	
10	N-PENTANE	268	3002	5.45	1.3	
11	CYCLOPENTANE	298	395	0.71	0.1	
12	HEXANES	536	3646	6.63	1.6	

READY

*

SAMPLE DATE 08/28/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 04-0600 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11400	15.73	5.3	
2	ETHYLENE	45	5689	7.85	2.6	
3	ACETYLENE	51	2792	3.85	1.2	
4	PROPANE	66	8750	12.07	4.0	
5	PROPYLENE	79	2301	3.17	1.0	
6	ISOBUTANE	109	4106	5.66	1.8	
7	N-BUTANE	125	10181	14.05	4.6	
8	1-BUTENE	167	150	0.20	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	601	0.82	0.2	
10	ISOPENTANE	236	11946	16.49	5.5	
11	N-PENTANE	268	4426	6.10	2.0	
12	CYCLOPENTANE	298	141	0.19	0.0	
13	HEXANES	536	9941	13.72	4.6	

READY

*

SAMPLE DATE 08/28/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 06-0800 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 1

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	24706	16.65	11.4	
2	ETHYLENE	45	18420	12.41	8.5	
3	ACETYLENE	51	11631	7.83	5.3	
4	PROPANE	66	18073	12.17	8.4	
5	PROPYLENE	79	3251	2.19	1.4	
6	ISOBUTANE	109	5434	3.66	2.5	
7	N-BUTANE	125	15505	10.44	7.1	
8	1-BUTENE	167	244	0.16	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	1636	1.10	0.7	
10	ISOPENTANE	236	19518	13.15	9.0	
11	N-PENTANE	268	8383	5.64	3.9	
12	CYCLOPENTANE	298	431	0.28	0.1	
13	HEXANES	536	21130	14.23	9.8	

READY

*

SAMPLE DATE 08/28/73

SAMPLE ID A3,GC-660, 08-1000

SAMPLE NAME APCD, LOS ANGELES

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13198	8.77	6.1	
2	ETHYLENE	45	11872	7.89	5.5	
3	ACETYLENE	51	12930	8.59	6.0	
4	PROPANE	66	13372	8.89	6.2	
5	PROPYLENE	79	5728	3.80	2.6	
6	PROPADIENE	93	309	0.20	0.0	
7	ISOBUTANE	109	6163	4.09	2.8	
8	N-BUTANE	125	18045	12.00	8.4	
9	1-BUTENE	167	602	0.39	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	2910	1.93	1.3	
11	ISOPENTANE	236	27071	18.00	12.6	
12	N-PENTANE	268	11361	7.55	5.3	
13	CYCLOPENTANE	298	1191	0.79	0.5	
14	HEXANES	536	25577	17.01	11.9	

READY

SAMPLE DATE 08/28/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 10-1200 — REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES — PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	30530	14.45	14.2	
2	ETHYLENE	45	14565	6.89	6.7	
3	ACETYLENE	51	13330	6.31	6.1	
4	PROPANE	66	24715	11.70	11.5	
5	PROPYLENE	79	4407	2.08	2.0	
6	PROPADIENE	93	117	0.05	0.0	
7	ISOBUTANE	109	10435	4.94	4.8	
8	N-BUTANE	125	25823	12.22	12.0	
9	1-BUTENE	167	601	0.28	0.2	
10	ISOBUTYLENE + T-2-BUTENE	196	2156	1.01	0.9	
11	ISOPENTANE	236	35013	16.57	16.3	
12	N-PENTANE	268	14449	6.83	6.7	
13	CYCLOPENTANE	298	730	0.34	0.3	
14	HEXANES	536	34328	16.25	16.0	

READY

*

SAMPLE DATE	08/28/73	GC CHANNEL	1
SAMPLE ID	A3,GC-660, 12-1400	REF. PEAK TIME	125
SAMPLE NAME	APCD, LOS ANGELES	PK NO BIG AREA	10
		PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8425	8.99	3.9	
2	ETHYLENE	45	6124	6.53	2.8	
3	ACETYLENE	51	6066	6.47	2.8	
4	PROPANE	66	7499	8.00	3.4	
5	PROPYLENE	79	2334	2.49	1.0	
6	ISOBUTANE	109	4277	4.56	1.9	
7	N-BUTANE	125	11911	12.71	5.5	
8	1-BUTENE	167	306	0.32	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	686	0.72	0.3	
10	ISOPENTANE	236	21479	22.92	10.0	
11	N-PENTANE	268	8760	9.34	4.0	
12	CYCLOPENTANE	298	240	0.25	0.0	
13	HEXANES	536	15584	16.63	7.2	

READY

*

SAMPLE DATE 08/28/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 16-1800 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	4769	5.72	2.1	
2	ETHYLENE	45	5870	7.05	2.7	
3	ACETYLENE	51	6627	7.96	3.0	
4	PROPANE	66	4771	5.73	2.1	
5	PROPYLENE	79	2129	2.55	0.9	
6	ISOBUTANE	109	2470	2.96	1.0	
7	N-BUTANE	125	8091	9.71	3.7	
8	1-BUTENE	167	235	0.28	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	1150	1.37	C.4	
10	ISOPENTANE	236	17992	21.61	8.3	
11	N-PENTANE	268	8529	10.24	3.9	
12	CYCLOPENTANE	298	1189	1.42	0.5	
13	HEXANES	536	19398	23.30	9.0	

READY

*

SAMPLE DATE 08/28/73

SAMPLE ID A3,GC-660, 18-2000

SAMPLE NAME APCD, LOS ANGELES

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3879	5.80	1.7	
2	ETHYLENE	45	5105	7.64	2.3	
3	ACETYLENE	51	4655	6.96	2.1	
4	PROPANE	66	3545	5.30	1.6	
5	PROPYLENE	79	2008	3.00	0.9	
6	PROPADIENE	93	127	0.18	0.0	
7	ISOBUTANE	109	1950	2.91	0.8	
8	N-BUTANE	125	6433	9.62	2.9	
9	1-BUTENE	167	206	0.30	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	946	1.41	0.3	
11	ISOPENTANE	236	15049	22.52	7.0	
12	N-PENTANE	268	6581	9.85	3.0	
13	CYCLOPENTANE	298	970	1.44	0.3	
14	HEXANES	536	15348	22.97	7.1	

READY

*

SAMPLE DATE 08/28/73 | GC CHANNEL 1
SAMPLE ID A3,GC-660, 20-2200 | REF. PEAK TIME 125
SAMPLE NAME APCD, LOS ANGELES | PK NO BIG AREA 13
PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6239	7.10	2.8	
2	ETHYLENE	45	5913	6.72	2.7	
3	ACETYLENE	51	5480	6.23	2.5	
4	PROPANE	66	5830	6.63	2.6	
5	PROPYLENE	79	2427	2.76	1.0	
6	ISOBUTANE	109	2593	2.95	1.1	
7	N-BUTANE	125	8474	9.64	3.9	
8	1-BUTENE	167	253	0.28	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	1262	1.43	0.5	
10	ISOPENTANE	236	19968	22.72	9.2	
11	N-PENTANE	268	8175	9.30	3.7	
12	CYCLOPENTANE	298	224	0.25	0.0	
13	HEXANES	536	21006	23.91	9.7	

READY

*

SAMPLE DATE	08/28/73	GC CHANNEL	1
SAMPLE ID	A3,GC-660, 22-2400	REF. PEAK TIME	125
SAMPLE NAME	APCD, LOS ANGELES	PK NO BIG AREA	12
		PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	9215	14.72	4.2
2	ETHYLENE	45	4928	7.87	2.2
3	ACETYLENE	51	3182	5.08	1.4
4	PROPANE	66	8491	13.56	3.9
5	PROPYLENE	79	1516	2.42	0.7
6	ISOBUTANE	109	3610	5.76	1.6
7	N-BUTANE	125	7970	12.73	3.6
8	ISOBUTYLENE + T-2-BUTENE	196	501	0.79	0.2
9	ISOPENTANE	236	9050	14.45	4.2
10	N-PENTANE	268	3565	5.69	1.6
11	CYCLOPENTANE	298	227	0.36	0.0
12	HEXANES	536	10323	16.49	4.7

READY

*

SAMPLE DATE	08/29/73	GC CHANNEL	1
SAMPLE ID	A3,GC-660, 00-0200	REF. PEAK TIME	125
SAMPLE NAME	APCD, LOS ANGELES	PK NO BIG AREA	10
		PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9350	8.87	4.6	
2	ETHYLENE	45	3100	2.94	1.4	
3	ACETYLENE	51	3429	3.25	1.6	
4	PROPANE	66	8260	7.83	4.0	
5	PROPYLENE	79	1674	1.58	0.7	
6	ISOBUTANE	109	3809	3.61	1.8	
7	N-BUTANE	125	10933	10.37	5.3	
8	1-BUTENE	167	403	0.38	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	1256	1.19	0.5	
10	ISOPENTANE	236	29778	28.27	14.6	
11	N-PENTANE	268	11936	11.33	5.8	
12	CYCLOPENTANE	298	392	0.36	0.1	
13	HEXANES	536	20998	19.93	10.3	

READY

*

SAMPLE DATE 08/29/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 02-0400 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	13242	12.92	6.4	
2	ETHYLENE	45	6372	6.21	3.1	
3	ACETYLENE	51	5136	5.01	2.5	
4	PROPANE	66	10903	10.64	5.3	
5	PROPYLENE	79	1868	1.82	0.8	
6	ISOBUTANE	109	4406	4.29	2.1	
7	N-BUTANE	125	11418	11.14	5.6	
8	1-BUTENE	167	279	0.27	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	985	0.96	0.4	
10	ISOPENTANE	236	22448	21.91	11.0	
11	N-PENTANE	268	9578	9.34	4.6	
12	CYCLOPENTANE	298	815	0.79	0.3	
13	HEXANES	536	14992	14.63	7.3	

READY

*

SAMPLE DATE 08/29/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 04-0600 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	12603	14.92	6.1	
2	ETHYLENE	45	4658	5.51	2.2	
3	ACETYLENE	51	4284	5.07	2.1	
4	PROPANE	66	12671	15.00	6.2	
5	PROPYLENE	79	2416	2.85	1.1	
6	ISOBUTANE	109	4070	4.81	1.9	
7	N-BUTANE	125	10196	12.07	5.0	
8	1-BUTENE	167	661	0.78	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	376	0.44	0.1	
10	ISOPENTANE	236	14088	16.68	6.9	
11	N-PENTANE	268	5797	6.86	2.8	
12	CYCLOPENTANE	298	227	0.26	0.0	
13	HEXANES	536	12376	14.65	6.0	

READY

*

SAMPLE DATE 08/29/73

SAMPLE ID A3,GC-660, 06-0800

SAMPLE NAME APCD, LOS ANGELES

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 1

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	19489	16.70	9.6
2	ETHYLENE	45	11093	9.50	5.4
3	ACETYLENE	51	7008	6.00	3.4
4	PROPANE	66	19219	16.47	9.4
5	PROPYLENE	79	4370	3.74	2.1
6	ISOBUTANE	109	6060	5.19	2.9
7	N-BUTANE	125	12592	10.79	6.1
8	ISOBUTYLENE + T-2-BUTENE	196	484	0.41	0.2
9	ISOPENTANE	236	15198	13.02	7.5
10	N-PENTANE	268	5888	5.04	2.8
11	HEXANES	536	15241	13.06	7.5

READY

*

SAMPLE DATE 08/29/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 08-1000 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	12203	6.30	5.7
2	ETHYLENE	45	11001	5.68	5.0
3	ACETYLENE	51	11753	6.06	5.4
4	PROPANE	66	12065	6.23	5.6
5	PROPYLENE	79	5584	2.88	2.5
6	PROPADIENE	93	527	0.27	0.2
7	ISOBUTANE	109	7112	3.67	3.2
8	N-BUTANE	125	20767	10.72	9.6
9	1-BUTENE	167	919	0.47	0.3
10	ISOBUTYLENE + T-2-BUTENE	196	2141	1.10	0.9
11	ISOPENTANE	236	42382	21.89	19.7
12	N-PENTANE	268	18354	9.47	8.5
13	CYCLOPENTANE	298	1599	0.82	0.7
14	HEXANES	536	47184	24.37	22.0

READY

*

SAMPLE DATE 08/29/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 10-1200 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	21895	10.83	10.7	
2	ETHYLENE	45	14390	7.11	7.1	
3	ACETYLENE	51	12850	6.35	6.3	
4	PROPANE	66	17683	8.75	8.7	
5	PROPYLENE	79	4364	2.15	2.1	
6	PROPADIENE	93	173	0.08	0.0	
7	ISOBUTANE	109	7619	3.76	3.7	
8	N-BUTANE	125	22207	10.98	10.9	
9	1-BUTENE	167	824	0.40	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	2286	1.12	1.0	
11	ISOPENTANE	236	39730	19.66	19.6	
12	N-PENTANE	268	18177	8.99	8.9	
13	CYCLOPENTANE	298	1009	0.49	0.4	
14	HEXANES	536	38827	19.21	19.1	

READY

*

SAMPLE DATE 08/29/73 | GC CHANNEL 1

SAMPLE ID A3,GC-660, 12-1400 | REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES | PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10429	7.71	5.1	
2	ETHYLENE	45	7003	5.17	3.4	
3	ACETYLENE	51	8174	6.04	3.9	
4	PROPANE	66	11126	8.22	5.4	
5	PROPYLENE	79	1719	1.26	0.7	
6	ISOBUTANE	109	5763	4.26	2.8	
7	N-BUTANE	125	16234	12.00	7.9	
8	1-BUTENE	167	445	0.32	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	837	0.61	0.3	
10	ISOPENTANE	236	31046	22.95	15.3	
11	N-PENTANE	268	13694	10.12	6.7	
12	CYCLOPENTANE	298	1443	1.06	0.7	
13	HEXANES	536	27306	20.19	13.4	

READY

SAMPLE DATE 08/29/73

SAMPLE ID A3,GC-660, 14-1600

SAMPLE NAME APCD, LOS ANGELES

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5509	7.91	2.6	
2	ETHYLENE	45	5101	7.33	2.5	
3	ACETYLENE	51	6279	9.02	3.0	
4	PROPANE	66	5940	8.53	2.8	
5	PROPYLENE	79	1768	2.54	0.8	
6	ISOBUTANE	109	3010	4.32	1.4	
7	N-BUTANE	125	8770	12.60	4.2	
8	ISOBUTYLENE + T-2-BUTENE	196	509	0.72	0.2	
9	ISOPENTANE	236	13199	18.97	6.4	
10	N-PENTANE	268	4602	6.61	2.2	
11	HEXANES	536	14856	21.36	7.3	

READY

*

SAMPLE DATE 08/29/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 16-1800 — REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES — PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5541	7.36	2.7	
2	ETHYLENE	45	7154	9.50	3.5	
3	ACETYLENE	51	9422	12.51	4.6	
4	PROPANE	66	4531	6.01	2.1	
5	PROPYLENE	79	3069	4.07	1.4	
6	PROPADIENE	93	234	0.30	0.0	
7	ISOBUTANE	109	2454	3.25	1.1	
8	N-BUTANE	125	7807	10.37	3.8	
9	1-BUTENE	167	248	0.32	0.0	
10	ISOBUTYLENE + T-2-BUTENE	196	1288	1.70	0.6	
11	ISOPENTANE	236	13337	17.71	6.5	
12	N-PENTANE	268	5732	7.61	2.8	
13	CYCLOPENTANE	298	144	0.18	0.0	
14	HEXANES	536	14299	18.99	7.0	

READY

SAMPLE DATE 08/29/73
SAMPLE ID A3,GC-660, 18-2000
SAMPLE NAME APCD, LOS ANGELES

GC CHANNEL 1
REF. PEAK TIME 125
PK NO BIG AREA 10
PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6583	9.86	3.2	
2	ETHYLENE	45	5841	8.75	2.8	
3	ACETYLENE	51	6754	10.12	3.2	
4	PROPANE	66	5110	7.65	2.5	
5	PROPYLENE	79	2300	3.44	1.0	
6	ISOBUTANE	109	2444	3.66	1.1	
7	N-BUTANE	125	6998	10.48	3.4	
8	1-BUTENE	167	592	0.88	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	1196	1.79	0.5	
10	ISOPENTANE	236	12177	18.24	6.0	
11	N-PENTANE	268	4829	7.23	2.3	
12	HEXANES	536	11890	17.82	5.5	

READY

*

SAMPLE DATE 08/29/73

SAMPLE ID A3,GC-660, 20-2200

SAMPLE NAME APCD, LOS ANGELES

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	6621	11.19	3.0
2	ETHYLENE	45	4254	7.18	1.9
3	ACETYLENE	51	4097	6.92	1.8
4	PROPANE	66	5564	9.40	2.5
5	PROPYLENE	79	1230	2.07	0.5
6	ISOBUTANE	109	2404	4.06	1.0
7	N-BUTANE	125	6213	10.50	2.8
8	1-BUTENE	167	157	0.26	0.0
9	ISOBUTYLENE + T-2-BUTENE	196	814	1.37	0.3
10	ISOPENTANE	236	10942	18.49	5.0
11	N-PENTANE	268	4093	6.91	1.8
12	CYCLOPENTANE	298	233	0.39	0.0
13	HEXANES	536	12528	21.17	5.8

READY

*

SAMPLE DATE 08/29/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 22-2400 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	3576	12.24	1.7	
2	ETHYLENE	45	3562	12.20	1.7	
3	ACETYLENE	51	2361	8.08	1.0	
4	PROPANE	66	2756	9.43	1.3	
5	PROPYLENE	79	631	2.16	0.2	
6	ISOBUTANE	109	904	3.09	0.3	
7	N-BUTANE	125	3393	11.62	1.6	
8	ISOPENTANE	236	3872	13.26	1.8	
9	N-PENTANE	268	1428	4.8[illegible]	0.7	
10	HEXANES	536	6707	22.97	3.2	

READY

*

SAMPLE DATE 08/30/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 00-0200 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5383	9.96	2.6	
2	ETHYLENE	45	4962	9.18	2.4	
3	ACETYLENE	51	2233	4.13	1.0	
4	PROPANE	66	4997	9.25	2.4	
5	PROPYLENE	79	830	1.53	0.3	
6	ISOBUTANE	109	2348	4.34	1.0	
7	N-BUTANE	125	6627	12.27	3.2	
8	1-BUTENE	167	92	0.16	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	648	1.19	0.3	
10	ISOPENTANE	236	10718	19.84	5.2	
11	N-PENTANE	268	4421	8.18	2.1	
12	CYCLOPENTANE	298	314	0.57	0.0	
13	HEXANES	536	10426	19.30	5.1	

READY

SAMPLE DATE 08/30/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 02-0400 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 1

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	10728	23.75	5.2	
2	ETHYLENE	45	5034	11.14	2.4	
3	ACETYLENE	51	1595	3.53	0.7	
4	PROPANE	66	7679	17.00	3.7	
5	PROPYLENE	79	724	1.60	0.3	
6	ISOBUTANE	109	2500	5.53	1.1	
7	N-BUTANE	125	4944	10.94	2.4	
8	ISOBUTYLENE + T-2-BUTENE	196	197	0.43	0.0	
9	ISOPENTANE	236	5430	12.02	2.6	
10	N-PENTANE	268	1511	3.34	0.7	
11	HEXANES	536	4808	10.64	2.3	

READY

*

SAMPLE DATE 08/30/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 04-0600 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 8

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7493	13.76	3.6	
2	ETHYLENE	45	5354	9.83	2.5	
3	ACETYLENE	51	2337	4.29	1.0	
4	PROPANE	66	8682	15.95	4.2	
5	PROPYLENE	79	1380	2.53	0.6	
6	ISOBUTANE	109	3072	5.64	1.4	
7	N-BUTANE	125	6785	12.46	3.2	
8	ISOPENTANE	236	8815	16.19	4.2	
9	N-PENTANE	268	3820	7.01	1.8	
10	HEXANES	536	6670	12.25	3.2	

READY

SAMPLE DATE 08/30/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 06-0800 — REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	16282	13.35	7.5	
2	ETHYLENE	45	9280	7.61	4.2	
3	ACETYLENE	51	7854	6.44	3.6	
4	PROPANE	66	13437	11.02	6.2	
5	PROPYLENE	79	2907	2.38	1.3	
6	ISOBUTANE	109	5566	4.56	2.5	
7	N-BUTANE	125	12540	10.28	5.8	
8	1-BUTENE	167	388	0.31	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	1668	1.36	0.7	
10	ISOPENTANE	236	20186	16.55	9.4	
11	N-PENTANE	268	8727	7.15	4.0	
12	CYCLOPENTANE	298	357	0.28	0.1	
13	HEXANES	536	22700	18.62	10.6	

READY

*

SAMPLE DATE 08/30/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 08-1000 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11045	6.41	5.3	
2	ETHYLENE	45	14230	8.26	7.0	
3	ACETYLENE	51	15775	9.16	7.7	
4	PROPANE	66	14481	8.41	7.1	
5	PROPYLENE	79	5307	3.08	2.5	
6	PROPADIENE	93	127	0.07	0.0	
7	ISOBUTANE	109	7317	4.24	3.5	
8	N-BUTANE	125	21312	12.38	10.4	
9	1-BUTENE	167	636	0.36	0.3	
10	ISOBUTYLENE + T-2-BUTENE	196	1997	1.15	0.9	
11	ISOPENTANE	236	35208	20.45	17.4	
12	N-PENTANE	268	13720	7.96	6.7	
13	CYCLOPENTANE	298	329	0.18	0.1	
14	HEXANES	536	30650	17.80	15.1	

READY

SAMPLE DATE 08/30/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 10-1200 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	19508	9.14	9.1	
2	ETHYLENE	45	12616	5.91	5.8	
3	ACETYLENE	51	14442	6.77	6.7	
4	PROPANE	66	17746	8.31	8.2	
5	PROPYLENE	79	5720	2.67	2.6	
6	PROPADIENE	93	693	0.32	0.3	
7	ISOBUTANE	109	9157	4.29	4.2	
8	N-BUTANE	125	22397	10.50	10.4	
9	1-BUTENE	167	1611	0.75	0.7	
10	ISOBUTYLENE + T-2-BUTENE	196	2651	1.24	1.1	
11	ISOPENTANE	236	38397	18.00	17.9	
12	N-PENTANE	268	17122	8.02	7.9	
13	CYCLOPENTANE	298	1466	0.68	0.6	
14	HEXANES	536	49733	23.31	23.2	

READY

SAMPLE DATE 08/30/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 12-1400 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	6692	7.62	3.1	
2	ETHYLENE	45	9233	10.51	4.2	
3	ACETYLENE	51	7346	8.36	3.4	
4	PROPANE	66	7830	8.92	3.6	
5	PROPYLENE	79	2107	2.39	0.9	
6	ISOBUTANE	109	4481	5.10	2.0	
7	N-BUTANE	125	10533	11.99	4.9	
8	1-BUTENE	167	141	0.15	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	403	0.45	0.1	
10	ISOPENTANE	236	15616	17.79	7.2	
11	N-PENTANE	268	5348	6.09	2.5	
12	HEXANES	536	18037	20.55	8.4	

READY

SAMPLE DATE 08/30/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 14-1600 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	5551	6.71	2.5	
2	ETHYLENE	45	4930	5.96	2.2	
3	ACETYLENE	51	5113	6.19	2.3	
4	PROPANE	66	5800	7.02	2.6	
5	PROPYLENE	79	1847	2.23	0.8	
6	ISOBUTANE	109	3151	3.81	1.4	
7	N-BUTANE	125	8527	10.32	3.9	
8	1-BUTENE	167	336	0.40	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	781	0.94	0.3	
10	ISOPENTANE	236	18136	21.96	8.4	
11	N-PENTANE	268	7348	8.89	3.4	
12	HEXANES	536	21052	25.49	9.8	

READY

*

SAMPLE DATE 08/30/73 | GC CHANNEL 1

SAMPLE ID A3,GC-660, 16-1800 | REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES | PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7793	8.27	3.4	
2	ETHYLENE	45	5986	6.35	2.6	
3	ACETYLENE	51	7190	7.63	3.2	
4	PROPANE	66	8549	9.07	3.8	
5	PROPYLENE	79	3279	3.47	1.4	
6	ISOBUTANE	109	3781	4.01	1.6	
7	N-BUTANE	125	9959	10.57	4.4	
8	1-BUTENE	167	258	0.27	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	1022	1.08	0.3	
10	ISOPENTANE	236	17392	18.46	7.8	
11	N-PENTANE	268	8168	8.67	3.6	
12	CYCLOPENTANE	298	385	0.40	0.1	
13	HEXANES	536	20438	21.69	9.1	

READY

SAMPLE DATE 08/30/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 18-2000 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8195	10.46	3.6	
2	ETHYLENE	45	5447	6.95	2.4	
3	ACETYLENE	51	4961	6.33	2.1	
4	PROPANE	66	7154	9.13	3.2	
5	PROPYLENE	79	1930	2.46	0.8	
6	ISOBUTANE	109	3385	4.32	1.4	
7	N-BUTANE	125	8414	10.74	3.7	
8	1-BUTENE	167	197	0.25	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	675	0.86	0.2	
10	ISOPENTANE	236	14147	18.06	6.3	
11	N-PENTANE	268	6070	7.75	2.6	
12	HEXANES	536	17719	22.62	7.9	

READY

*

SAMPLE DATE 08/30/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 20-2200 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 12

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHNC	VOL.%
1	ETHANE	40	4314	8.38	1.8	
2	ETHYLENE	45	3400	6.60	1.4	
3	ACETYLENE	51	3514	6.82	1.5	
4	PROPANE	66	5882	11.42	2.5	
5	PROPYLENE	79	1298	2.52	0.5	
6	ISOBUTANE	109	2281	4.43	1.0	
7	N-BUTANE	125	5561	10.80	2.5	
8	1-BUTENE	167	233	0.45	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	439	0.85	0.1	
10	ISOPENTANE	236	7320	14.21	3.2	
11	N-PENTANE	268	4000	7.76	1.7	
12	HEXANES	536	13232	25.70	5.9	

READY

*

SAMPLE DATE	08/30/73	GC CHANNEL	1
SAMPLE ID	A3,GC-660, 22-2400	REF. PEAK TIME	125
SAMPLE NAME	APCD, LOS ANGELES	PK NO BIG AREA	12
		PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	7734	10.69	3.4	
2	ETHYLENE	45	5090	7.04	2.2	
3	ACETYLENE	51	4284	5.92	1.8	
4	PROPANE	66	7858	10.86	3.5	
5	PROPYLENE	79	1528	2.11	0.6	
6	ISOBUTANE	109	3747	5.18	1.6	
7	N-BUTANE	125	8540	11.81	3.8	
8	ISOBUTYLENE + T-2-BUTENE	196	597	0.82	0.2	
9	ISOPENTANE	236	12480	17.26	5.5	
10	N-PENTANE	268	5914	8.17	2.6	
11	CYCLOPENTANE	298	380	0.52	0.1	
12	HEXANES	536	14141	19.55	6.3	

READY

SAMPLE DATE 08/31/73 GC CHANNEL 1

SAMPLE ID A3,GC-660, 00-0200 REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9032	10.00	4.0	
2	ETHYLENE	45	5678	6.28	2.5	
3	ACETYLENE	51	4580	5.07	2.0	
4	PROPANE	66	10496	11.62	4.6	
5	PROPYLENE	79	2738	3.03	1.1	
6	ISOBUTANE	109	4644	5.14	2.0	
7	N-BUTANE	125	10514	11.64	4.6	
8	1-BUTENE	167	318	0.35	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	1431	1.58	0.6	
10	ISOPENTANE	236	16085	17.81	7.1	
11	N-PENTANE	268	8278	9.16	3.6	
12	CYCLOPENTANE	298	301	0.33	0.0	
13	HEXANES	536	16203	17.94	7.2	

READY

SAMPLE DATE	08/31/73	GC CHANNEL	1
SAMPLE ID	A3,GC-660, 02-0400	REF. PEAK TIME	125
SAMPLE NAME	APCD, LOS ANGELES	PK NO BIG AREA	12
		PK NO REF PEAK	7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	11801	11.83	5.3	
2	ETHYLENE	45	8445	8.46	3.7	
3	ACETYLENE	51	4249	4.26	1.8	
4	PROPANE	66	11068	11.10	4.9	
5	PROPYLENE	79	2175	2.17	0.9	
6	ISOBUTANE	109	5264	5.27	2.3	
7	N-BUTANE	125	11100	11.13	4.9	
8	1-BUTENE	167	297	0.29	0.0	
9	ISOBUTYLENE + T-2-BUTENE	196	1032	1.03	0.3	
10	ISOPENTANE	236	14658	14.70	6.5	
11	N-PENTANE	268	6522	6.53	2.8	
12	HEXANES	536	23076	23.14	10.3	

READY

*

SAMPLE DATE 08/31/73

SAMPLE ID A3,GC-660, 04-0600

SAMPLE NAME APCD, LOS ANGELES

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	9418	8.41	4.2	
2	ETHYLENE	45	7139	6.37	3.2	
3	ACETYLENE	51	5735	5.12	2.5	
4	PROPANE	66	11399	10.18	5.0	
5	PROPYLENE	79	4460	3.98	1.9	
6	ISOBUTANE	109	5635	5.03	2.5	
7	N-BUTANE	125	12858	11.48	5.7	
8	1-BUTENE	167	447	0.39	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	1710	1.52	0.7	
10	ISOPENTANE	236	18883	16.87	8.4	
11	N-PENTANE	268	9402	8.40	4.2	
12	CYCLOPENTANE	298	490	0.43	0.1	
13	HEXANES	536	24310	21.72	10.9	

READY

*

SAMPLE DATE 08/31/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 06-0800 — REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES — PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	16683	12.23	7.8	
2	ETHYLENE	45	14963	10.97	6.9	
3	ACETYLENE	51	10202	7.47	4.7	
4	PROPANE	66	13852	10.15	6.4	
5	PROPYLENE	79	4130	3.02	1.8	
6	ISOBUTANE	109	6013	4.40	2.8	
7	N-BUTANE	125	13103	9.60	6.0	
8	1-BUTENE	167	472	0.34	0.1	
9	ISOBUTYLENE + T-2-BUTENE	196	1922	1.40	0.8	
10	ISOPENTANE	236	21602	15.84	10.0	
11	N-PENTANE	268	9002	6.60	4.2	
12	CYCLOPENTANE	298	220	0.15	0.0	
13	HEXANES	536	24188	17.73	11.3	

READY

*

SAMPLE DATE 08/31/73

SAMPLE ID A3,GC-660, 08-1000

SAMPLE NAME APCD, LOS ANGELES

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 14

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	11321	5.51	5.2
2	ETHYLENE	45	17669	8.60	8.2
3	ACETYLENE	51	29093	14.16	13.5
4	PROPANE	66	13083	6.36	6.0
5	PROPYLENE	79	8176	3.97	3.8
6	PROPADIENE	93	524	0.25	0.2
7	ISOBUTANE	109	6690	3.25	3.1
8	N-BUTANE	125	18831	9.17	8.8
9	1-BUTENE	167	907	0.43	0.3
10	ISOBUTYLENE + T-2-BUTENE	196	4253	2.06	1.9
11	ISOPENTANE	236	35175	17.12	16.4
12	N-PENTANE	268	14290	6.95	6.6
13	CYCLOPENTANE	298	1154	0.56	0.4
14	HEXANES	536	44165	21.50	20.7

READY

SAMPLE DATE 08/31/73

SAMPLE ID A3,GC-660, 10-1200

SAMPLE NAME APCD, LOS ANGELES

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 11

PK NO REF PEAK 8

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC VOL.%
1	ETHANE	40	20057	7.34	9.3
2	ETHYLENE	45	16337	5.98	7.6
3	ACETYLENE	51	14542	5.32	6.7
4	PROPANE	66	23294	8.52	10.8
5	PROPYLENE	79	6791	2.48	3.1
6	PROPADIENE	93	595	0.21	0.2
7	ISOBUTANE	109	12559	4.59	5.8
8	N-BUTANE	125	29723	10.88	13.9
9	1-BUTENE	167	1341	0.48	0.6
10	ISOBUTYLENE + T-2-BUTENE	196	3067	1.12	1.4
11	ISOPENTANE	236	60585	22.18	28.3
12	N-PENTANE	268	24875	9.10	11.6
13	CYCLOPENTANE	298	2275	0.83	1.0
14	HEXANES	536	57019	20.88	26.7

READY

*

SAMILE DATE 08/31/73

SAMILE ID A3,GC-660, 12-1400

SAMILE NAME APCD, LOS ANGELES

GC CHANNEL 1

REF. PEAK TIME 125

PK NO BIG AREA 13

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	12449	7.26	5.7	
2	ETHYLENE	45	11557	6.74	5.3	
3	ACETYLENE	51	12349	7.20	5.7	
4	PROFANE	66	15088	8.80	7.0	
5	PROPYLENE	79	3316	1.93	1.4	
6	ISOBUTANE	109	8813	5.14	4.0	
7	N-BUTANE	125	22363	13.05	10.4	
8	1-BUTENE	167	588	0.34	0.2	
9	ISOBUTYLENE + T-2-BUTENE	196	1104	0.64	0.4	
10	ISOPENTANE	236	33435	19.51	15.6	
11	N-PENTANE	268	13691	7.98	6.4	
12	CYCLOPENTANE	298	1127	0.65	0.4	
13	HEXANES	536	35427	20.67	16.5	

READY

*

SAMPLE DATE 08/31/73 — GC CHANNEL 1

SAMPLE ID A3,GC-660, 14-1600 — REF. PEAK TIME 125

SAMPLE NAME APCD, LOS ANGELES — PK NO BIG AREA 10

PK NO REF PEAK 7

PNO	COMPOUND NAME	TIME	AREA	WT%	PHMC	VOL.%
1	ETHANE	40	8936	5.47	3.9	
2	ETHYLENE	45	5526	3.38	2.4	
3	ACETYLENE	51	4699	2.88	2.1	
4	PROPANE	66	11717	7.18	5.2	
5	PROPYLENE	79	2137	1.30	0.9	
6	ISOBUTANE	109	7473	4.58	3.3	
7	N-BUTANE	125	19948	12.22	8.9	
8	1-BUTENE	167	849	0.51	0.3	
9	ISOBUTYLENE + T-2-BUTENE	196	1590	0.97	0.7	
10	ISOPENTANE	236	49975	30.63	22.5	
11	N-PENTANE	268	20455	12.53	9.1	
12	CYCLOPENTANE	298	1376	0.84	0.5	
13	HEXANES	536	28420	17.42	12.7	

READY

CALIBRATION FOR G.C. 660 - 9/11/73 - TUESDAY

COMPOUND		(COUNTS)*(ATTN)/(PPBC)
1	ETHANE	189.895
2	ETHYLENE	199.916
3	ACETYLENE	231.708
4	PROPANE	196.43
5	PROPYLENE	196.194
6	ISOBUTANE	200.572
7	N-BUTANE	209.375
8	1-BUTENE	141.552
9	ISOBUTYLENE	144.885
10	ISOPENTANE	180.478
11	N-PENTANE	178.86
12	HEXANE	177.547

AVERAGE CALIBRATION FACTOR = 187.326

CALIBRATION FOR G.C. 202 - 9/11/73 - TUESDAY

COMPOUND		(COUNTS)*(ATTN)/(PPBC)
1	ETHANE	137.77
2	ETHYLENE	209
3	ACETYLENE	163.541
4	PROPANE	190.208
5	PROPYLENE	179.138
6	ISOBUTANE	202.458
7	N-BUTANE	215.281
8	1-BUTENE	161.552
9	ISOBUTYLENE	232.822
10	ISOPENTANE	209.719
11	N-PENTANE	217.6
12	HEXANE	197.46

AVERAGE CALIBRATION FACTOR = 193.046

CALIBRATION FOR G.C. 660 - 9/12/73 - WEDNESDAY

	COMPOUND	(COUNTS)*(ATTN)/(PPBC)
1	ETHANE	196.583
2	ETHYLENE	209.583
3	ACETYLENE	240.729
4	PROPANE	199.319
5	PROPYLENE	196.875
6	ISOBUTANE	201.687
7	N-BUTANE	209.604
8	1-BUTENE	146.322
9	ISOBUTYLENE	149.239
10	ISOPENTANE	179.311
11	N-PENTANE	174.352
12	HEXANE	167.098

AVERAGE CALIBRATION FACTOR = 189.225

CALIBRATION FOR G.C. 202 - 9/12/73 - WEDNESDAY

COMPOUND		(COUNTS)*(ATTN)/(PPBC)
1	ETHANE	126.166
2	ETHYLENE	174.583
3	ACETYLENE	133.395
4	PROPANE	171.458
5	PROPYLENE	159.277
6	ISOBUTANE	182.218
7	N-BUTANE	193.052
8	1-BUTENE	135.468
9	ISOBUTYLENE	196.302
10	ISOPENTANE	180.473
11	N-PENTANE	187.856
12	HEXANE	180.909

AVERAGE CALIBRATION FACTOR = 168.43

CALIBRATION FOR G.C. 660 - 9/14/73 - FRIDAY

COMPOUND		(COUNTS)*(ATTN)/(PPBC)
1	ETHANE	186.583
2	ETHYLENE	196.77
3	ACETYLENE	216.479
4	PROPANE	186.694
5	PROPYLENE	183.889
6	ISOBUTANE	195.677
7	N-BUTANE	196.427
8	1-BUTENE	136.385
9	ISOBUTYLENE	152.843
10	ISOPENTANE	175.013
11	N-PENTANE	170.004
12	HEXANE	169.255

AVERAGE CALIBRATION FACTOR = 180.501

CALIBRATION FOR G.C. 660 - 9/17/73 - MONDAY

COMPOUND		(COUNTS)*(ATTN)/(PPBC)
1	ETHANE	216.708
2	ETHYLENE	223.979
3	ACETYLENE	249.729
4	PROPANE	226.68
5	PROPYLENE	229.458
6	ISOBUTANE	236.531
7	N-BUTANE	261.916
8	1-BUTENE	183.604
9	ISOBUTYLENE	205.385
10	N-PENTANE	208.208
11	HEXANE	197.337

AVERAGE CALIBRATION FACTOR = 221.821

CALIBRATION FOR G.C. 202 - 9/17/73 - MONDAY

COMPOUND		(COUNTS)*(ATTN)/(PPBC)
1	ETHANE	184.812
2	ETHYLENE	183.416
3	ACETYLENE	198.479
4	PROPANE	218.097
5	PROPYLENE	204.041
6	ISOBUTANE	226.062
7	N-BUTANE	250
8	1-BUTENE	186.5
9	ISOBUTYLENE	282.843
10	N-PENTANE	225.513
11	HEXANE	226.728

AVERAGE CALIBRATION FACTOR = 216.954

CALIBRATION FOR G.C. 660 - 9/18/73 - TUESDAY

COMPOUND		(COUNTS)*(ATTN)/(PPBC)
1	ETHANE	203.437
2	ETHYLENE	208.354
3	ACETYLENE	236.5
4	PROPANE	206.569
5	PROPYLENE	205.18
6	ISOBUTANE	212.5
7	N-BUTANE	247.145
8	1-BUTENE	161.291
9	ISOBUTYLENE	195.083
10	N-PENTANE	187.987
11	N-HEXANE	197.234

AVERAGE CALIBRATION FACTOR = 205.571

CALIBRATION FOR G.C. 202 - 9/18/73 - TUESDAY

COMPOUND		(COUNTS)*(ATTN)/(PPBC)
1	ETHANE	195.125
2	ETHYLENE	197.541
3	ACETYLENE	208.458
4	PROPANE	219.694
5	PROPYLENE	216.43
6	ISOBUTANE	234.937
7	N-BUTANE	263.104
8	1-BUTENE	182.395
9	ISOBUTYLENE	273.281
10	N-PENTANE	218.213
11	N-HEXANE	219.629

AVERAGE CALIBRATION FACTOR = 220.801

[illegible]

CALIBRATION FOR G.C. 660 - 9/20/73 - THURSDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	172.958
2	ETHYLENE	179.333
3	ACETYLENE	193.833
4	PROPANE	175.597
5	PROPYLENE	173.875
6	ISOBUTANE	178.864
7	N-BUTANE	184
8	1-BUTENE	133.729
9	ISOBUTYLENE	149.729
10	N-PENTANE	162.162
11	N-HEXANE	190.646

AVERAGE CALIBRATION FACTOR = 172.249

CALIBRATION FOR G.C. 202 - 9/20/73 - THURSDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	189.562
2	ETHYLENE	202.583
3	ACETYLENE	211.625
4	PROPANE	210.541
5	PROPYLENE	202.319
6	ISOBUTANE	218.968
7	N-BUTANE	230.937
8	1-BUTENE	170.479
9	ISOBUTYLENE	237.406
10	N-PENTANE	219.643
11	N-HEXANE	240.605

AVERAGE CALIBRATION FACTOR = 212.242

CALIBRATION FOR G.C. 660 - 9/21/73 - FRIDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	191.395
2	ETHYLENE	202.875
3	ACETYLENE	222.791
4	PROPANE	196.319
5	PROPYLENE	191.791
6	ISOBUTANE	201.614
7	N-BUTANE	204.864
8	1-BUTENE	149.031
9	ISOBUTYLENE	163.114
10	N-PENTANE	180.204
11	N-HEXANE	187.761

AVERAGE CALIBRATION FACTOR = 190.16

CALIBRATION FOR G.C. 202 - 9/21/73 - FRIDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	191.562
2	ETHYLENE	195.437
3	ACETYLENE	201.25
4	PROPANE	211.722
5	PROPYLENE	203.555
6	ISOBUTANE	222.27
7	N-BUTANE	235.51
8	1-BUTENE	171.468
9	ISOBUTYLENE	242.354
10	N-PENTANE	218.913
11	N-HEXANE	212.625

AVERAGE CALIBRATION FACTOR = 209.697

[illegible]

CALIBRATION FOR G.C. 660 - 9/24/73 - MONDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	199.041
2	ETHYLENE	211.75
3	ACETYLENE	220.062
4	PROFANE	201.305
5	PROFYLENE	195.972
6	ISOBUTANE	203.635
7	N-BUTANE	205.875
8	1-BUTENE	142.125
9	ISOBUTYLENE	150.083
10	N-FENTANE	169.117
11	N-HEXANE	174.744

AVERAGE CALIBRATION FACTOR = 188.519

[illegible]

CALIBRATION FOR G.C. 202 - 9/24/73 - MONDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	191.77
2	ETHYLENE	193.75
3	ACETYLENE	216.708
4	PROPANE	215.055
5	PROPYLENE	209.736
6	ISOBUTANE	228.364
7	N-BUTANE	240.729
8	1-BUTENE	173.291
9	ISOBUTYLENE	245.291
10	N-PENTANE	222.991
11	N-HEXANE	216.246

AVERAGE CALIBRATION FACTOR = 213.994

[illegible]

CALIBRATION FOR G.C. 660 - 9/25/73 - TUESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	186.625
2	ETHYLENE	197.562
3	ACETYLENE	207.875
4	PROPANE	194.75
5	PROPYLENE	192.125
6	ISOBUTANE	204.677
7	N-BUTANE	238.51
8	1-BUTENE	169.989
9	ISOBUTYLENE	177.572
10	ISOPENTANE	175.868
11	N-PENTANE	170.934
12	N-HEXANE	178.164

AVERAGE CALIBRATION FACTOR = 191.221

[illegible]

CALIBRATION FOR G.C. 202 - 9/25/73 - TUESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	181,187
2	ETHYLENE	225.604
3	ACETYLENE	181.666
4	PROPANE	202.25
5	PROPYLENE	207.222
6	ISOBUTANE	224.031
7	N-BUTANE	267.729
8	1-BUTENE	193.833
9	ISOBUTYLENE	256.791
10	ISOPENTANE	203.96
11	N-PENTANE	207.456
12	N-HEXANE	207.407

AVERAGE CALIBRATION FACTOR = 214.095

CALIBRATION FOR G.C. 660 - 9/26/73 - WEDNESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	190.666
2	ETHYLENE	195.937
3	ACETYLENE	198.354
4	PROPANE	190.402
5	PROPYLENE	191.375
6	ISOBUTANE	203.031
7	N-BUTANE	237.875
8	1-BUTENE	167.104
9	ISOBUTYLENE	176.895
10	ISOPENTANE	174.793
11	N-PENTANE	168.86
12	N-HEXANE	175.794

AVERAGE CALIBRATION FACTOR = 189.257

CALIBRATION FOR G. C. 202 - 9/26/73 - WEDNESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	186.604
2	ETHYLENE	202.02
3	ACETYLENE	202.729
4	PROPANE	205
5	PROPYLENE	192.777
6	ISOBUTANE	221.927
7	N-BUTANE	265.385
8	1-BUTENE	190.864
9	ISOBUTYLENE	263.645
10	ISOPENTANE	201.258
11	N-PENTANE	206.613
12	N-HEXANE	211.617

AVERAGE CALIBRATION FACTOR = 212.536

[illegible]

CALIBRATION FOR G.C. 660 - 9/28/73 - FRIDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	196.02
2	ETHYLENE	203.666
3	ACETYLENE	220.375
4	PROPANE	196.166
5	PROPYLENE	195.097
6	ISOBUTANE	211.906
7	N-BUTANE	221.739
8	1-BUTENE	154.5
9	ISOBUTYLENE	172.468
10	ISOPENTANE	188.368
11	N-PENTANE	188.387
12	N-HEXANE	184.905

AVERAGE CALIBRATION FACTOR = 194.466

CALIBRATION FOR G. C. 202 - 9/28/73 - FRIDAY

	COMPOUND	COUNTS/PPDC
1	ETHANE	210.625
2	ETHYLINE	231.041
3	ACETYLINE	232.02
4	PROPANE	225.18
5	PROPYLINE	212.458
6	ISOBUTANE	226.145
7	N-BUTANE	237.343
8	1-BUTENE	175.927
9	ISOBUTYLENE	243.093
10	ISOPENTANE	215.679
11	N-PENTANE	220.873
12	N-HEXANE	209.288

AVERAGE CALIBRATION FACTOR = 219.973

CALIBRATION FOR G.C. 660 - 10/01/73 - MONDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	196.979
2	ETHYLENE	190.312
3	ACETYLENE	221.312
4	PROPANE	194.333
5	PROPYLENE	207.136
6	ISOBUTANE	204.781
7	N-BUTANE	212.187
8	1-BUTENE	148.447
9	ISOBUTYLENE	164.979
10	N-PENTANE	186.817
11	N-HEXANE	173.407

AVERAGE CALIBRATION FACTOR = 190.972

CALIBRATION FOR G.C. 202 - 10/01/73 - MONDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	135.75
2	ETHYLENE	168.833
3	ACETYLENE	186.625
4	PROPANE	197.513
5	PROPYLENE	196.5
6	ISOBUTANE	221.552
7	N-BUTANE	229.395
8	1-BUTENE	168.802
9	ISOBUTYLENE	232.77
10	N-PENTANE	225.63
11	N-HEXANE	213.156

AVERAGE CALIBRATION FACTOR = 197.866

[illegible]

CALIBRATION FOR G.C. 660 - 10/02/73 - TUESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	179.395
2	ETHYLENE	183.958
3	ACETYLENE	210.458
4	PROPANE	185.125
5	PROPYLENE	187.93
6	ISOBUTANE	196.604
7	N-BUTANE	202.281
8	1-BUTENE	150.802
9	ISOBUTYLENE	173.687
10	ISOPENTANE	188.596
11	N-PENTANE	191.582
12	N-HEXANE	178.218

AVERAGE CALIBRATION FACTOR = 185.72

CALIBRATION FOR G.C. 202 - 10/02/73 - TUESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	169.166
2	ETHYLENE	183.562
3	ACETYLENE	198.687
4	PROPANE	197.847
5	PROPYLENE	183.319
6	ISOBUTANE	211.208
7	N-BUTANE	219.031
8	1-BUTENE	163.125
9	ISOBUTYLENE	224.635
10	ISOPENTANE	207.394
11	N-PENTANE	214
12	N-HEXANE	208.642

AVERAGE CALIBRATION FACTOR = 198.384

[illegible]

CALIBRATION FOR G.C. 660 - 10/03/73 - WEDNESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	178.041
2	ETHYLENE	177.895
3	ACETYLENE	201.187
4	PROPANE	180.319
5	PROPYLENE	175.361
6	ISOBUTANE	183.197
7	N-BUTANE	189.656
8	1-BUTENE	140.989
9	ISOBUTYLENE	154.718
10	ISOPENTANE	174.741
11	N-PENTANE	176.1
12	N-HEXANE	175.189

AVERAGE CALIBRATION FACTOR = 175.616

CALIBRATION FOR G.C. 202 - 10/03/73 - WEDNESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	159.229
2	ETHYLENE	167.77
3	ACETYLENE	175
4	PROPANE	191.041
5	PROPYLENE	199.388
6	ISOBUTANE	223.75
7	N-BUTANE	239.729
8	1-BUTENE	164.989
9	ISOBUTYLENE	220.291
10	ISOPENTANE	204.223
11	N-PENTANE	209.83
12	N-HEXANE	203.736

AVERAGE CALIBRATION FACTOR = 196.581

CALIBRATION FOR G.C. 660 - 10/04/73 - THURSDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	125.666
2	ETHYLENE	129.625
3	ACETYLENE	112.52
4	PROPANE	126.319
5	PROPYLENE	122.66
6	ISOBUTANE	127.239
7	N-BUTANE	129.114
8	1-BUTENE	94.4166
9	ISOBUTYLENE	96.4479
10	ISOPENTANE	119.236
11	N-PENTANE	117.46
12	N-HEXANE	121.683

AVERAGE CALIBRATION FACTOR = 118.534

CALIBRATION FOR G.C. 202 - 10/04/73 - THURSDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	182.416
2	ETHYLENE	210.687
3	ACETYLENE	220.166
4	PROPANE	219.611
5	PROPYLENE	212.486
6	ISOBUTANE	229.666
7	N-BUTANE	238.177
8	1-BUTENE	176.01
9	ISOBUTYLENE	238.302
10	ISOPENTANE	215.596
11	N-PENTANE	217.104
12	N-HEXANE	215.238

AVERAGE CALIBRATION FACTOR = 214.621

CALIBRATION FOR G.C. 660 - 10/05/73 - FRIDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	138.687
2	ETHYLENE	146.895
3	ACETYLENE	143.083
4	PROPANE	139.527
5	PROPYLENE	135.513
6	ISOBUTANE	143.197
7	N-BUTANE	145.447
8	1-BUTENE	109.5
9	ISOBUTYLENE	123.114
10	ISOPENTANE	139.1
11	N-PENTANE	138.626
12	N-HEXANE	137.16

AVERAGE CALIBRATION FACTOR = 136.654

CALIBRATION FOR G.C. 202 - 10/05/73 - FRIDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	194.77
2	ETHYLENE	212.625
3	ACETYLENE	225.52
4	PROPANE	219.819
5	PROPYLENE	216.027
6	ISOBUTANE	227.052
7	N-BUTANE	239.739
8	1-BUTENE	173.958
9	ISOBUTYLENE	242.104
10	ISOPENTANE	216.903
11	N-PENTANE	221.143
12	N-HEXANE	217.983

AVERAGE CALIBRATION FACTOR = 217.303

CALIBRATION FOR G.C. 660 - 10/06/73 - SATURDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	138.583
2	ETHYLENE	130.583
3	ACETYLENE	148.333
4	PROPANE	136.888
5	PROPYLENE	131.833
6	ISOBUTANE	139.416
7	N-BUTANE	142.041
8	1-BUTENE	105.864
9	ISOBUTYLENE	116.156
10	ISOPENTANE	134.508
11	N-PENTANE	134.308
12	N-HEXANE	128.654

AVERAGE CALIBRATION FACTOR = 132.264

CALIBRATION FOR G.C. 202 - 10/06/73 - SATURDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	153.75
2	ETHYLENE	168.687
3	ACETYLENE	188.833
4	PROPANE	198.527
5	PROPYLENE	179.777
6	ISOBUTANE	208.781
7	N-BUTANE	218.875
8	1-BUTENE	160.239
9	ISOBUTYLENE	224.26
10	ISOPENTANE	207.578
11	N-PENTANE	214.404
12	N-HEXANE	211.267

AVERAGE CALIBRATION FACTOR = 194.581

CALIBRATION FOR G.C. 660 - 10/09/73 - TUESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	170.437
2	ETHYLENE	185.687
3	ACETYLENE	185.52
4	PROPANE	174.458
5	PROPYLENE	173.763
6	ISOBUTANE	181.208
7	N-BUTANE	179.812
8	1-BUTENE	134.968
9	ISOBUTYLENE	145.197
10	ISOPENTANE	168.302
11	N-PENTANE	163.513
12	N-HEXANE	157.954

AVERAGE CALIBRATION FACTOR = 168.402

CALIBRATION FOR G.C. 202 - 10/09/73 - TUESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	132.895
2	ETHYLENE	207.437
3	ACETYLENE	190.833
4	PROPANE	198.402
5	PROPYLENE	182.888
6	ISOBUTANE	212.583
7	N-BUTANE	220.729
8	1-BUTENE	176.822
9	ISOBUTYLENE	224.77
10	ISOPENTANE	218.407
11	N-PENTANE	222.882
12	N-HEXANE	223.102

AVERAGE CALIBRATION FACTOR = 200.979

CALIBRATION FOR G.C. 660 - 10/10/73 - WEDNESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	178.625
2	ETHYLENE	194.083
3	ACETYLENE	195.25
4	PROPANE	186.263
5	PROPYLENE	187.041
6	ISOBUTANE	189.27
7	N-BUTANE	190.437
8	1-BUTENE	136.416
9	ISOBUTYLENE	150
10	ISOPENTANE	171.377
11	N-PENTANE	173.821
12	N-HEXANE	178.987

AVERAGE CALIBRATION FACTOR = 177.631

CALIBRATION FOR G.C. 202 - 10/10/73 - WEDNESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	181.02
2	ETHYLENE	245.625
3	ACETYLENE	220.52
4	PROPANE	222.638
5	PROPYLENE	217.027
6	ISOBUTANE	231.125
7	N-BUTANE	240.552
8	1-BUTENE	172.843
9	ISOBUTYLENE	238.706
10	ISOPENTANE	220.136
11	N-PENTANE	225.734
12	N-HEXANE	221.197

AVERAGE CALIBRATION FACTOR = 219.76

CALIBRATION FOR G.C. 660 - 10/11/73 - THURSDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	178.583
2	ETHYLENE	204.312
3	ACETYLENE	191.625
4	PROPANE	183.958
5	PROPYLENE	181.263
6	ISOBUTANE	185.385
7	N-BUTANE	186.822
8	1-BUTENE	140.895
9	ISOBUTYLENE	154.75
10	ISOPENTANE	173.938
11	N-PENTANE	173.334
12	N-HEXANE	180.436

AVERAGE CALIBRATION FACTOR = 177.942

CALIBRATION FOR G.C. 202 - 10/11/73 - THURSDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	219.062
2	ETHYLENE	250.312
3	ACETYLENE	247.937
4	PROPANE	235.402
5	PROPYLENE	230.625
6	ISOBUTANE	237.593
7	N-BUTANE	246.968
8	1-BUTENE	185.583
9	ISOBUTYLENE	249.875
10	ISOPENTANE	229.175
11	N-PENTANE	233.726
12	N-HEXANE	227.078

AVERAGE CALIBRATION FACTOR = 232.778

CALIBRATION FOR G.C. 660 - 10/12/73 - FRIDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	161.562
2	ETHYLENE	156.52
3	ACETYLENE	177.604
4	PROPANE	161.791
5	PROPYLENE	161.902
6	ISOBUTANE	167.906
7	N-BUTANE	175.239
8	1-BUTENE	136.27
9	ISOBUTYLENE	146.531
10	ISOPENTANE	170.657
11	N-PENTANE	173.091
12	N-HEXANE	177.362

AVERAGE CALIBRATION FACTOR = 163.87

CALIBRATION FOR G.C. 202 - 10/12/73 - FRIDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	187.854
2	ETHYLENE	220.77
3	ACETYLENE	216.708
4	PROPANE	216.533
5	PROPYLENE	236.055
6	ISOBUTANE	247.635
7	N-BUTANE	259.135
8	1-BUTENE	191.406
9	ISOBUTYLENE	259.656
10	ISOPENTANE	237.675
11	N-PENTANE	244.295
12	N-HEXANE	232.242

AVERAGE CALIBRATION FACTOR = 229.168

CALIBRATION FOR G.C. 660 - 10/15/73 - MONDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	182.083
2	ETHYLENE	170
3	ACETYLENE	181.229
4	PROPANE	175.416
5	PROPYLENE	173.833
6	ISOBUTANE	174.531
7	N-BUTANE	178.187
8	1-BUTENE	136.385
9	ISOBUTYLENE	143.656
10	ISOPENTANE	167.21
11	N-PENTANE	164.83
12	N-HEXANE	141.827

AVERAGE CALIBRATION FACTOR = 165.765

CALIBRATION FOR G.C. 202 - 10/15/73 - MONDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	146.27
2	ETHYLENE	172.541
3	ACETYLENE	172.687
4	PROPANE	180.93
5	PROPYLENE	171.319
6	ISOBUTANE	180.593
7	N-BUTANE	192.791
8	1-BUTENE	145.437
9	ISOBUTYLENE	197.583
10	ISOPENTANE	192.07
11	N-PENTANE	196.304
12	N-HEXANE	184.72

AVERAGE CALIBRATION FACTOR = 177.77

CALIBRATION FOR G.C. 660 - 10/16/73 - TUESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	188.52
2	ETHYLENE	185.541
3	ACETYLENE	203.5
4	PROPANE	188.763
5	PROPYLENE	132.736
6	ISOBUTANE	188.937
7	N-BUTANE	193.937
8	1-BUTENE	140.635
9	ISOBUTYLENE	156.572
10	ISOPENTANE	176.5
11	N-PENTANE	171.487
12	N-HEXANE	142.086

AVERAGE CALIBRATION FACTOR = 176.851

CALIBRATION FOR G.C. 202 - 10/16/73 - TUESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	141.479
2	ETHYLENE	180.937
3	ACETYLENE	169.125
4	PROPANE	183.25
5	PROPYLENE	171.5
6	ISOBUTANE	181.604
7	N-BUTANE	198.453
8	1-BUTENE	139.906
9	ISOBUTYLENE	188.479
10	ISOPENTANE	188.333
11	N-PENTANE	190.156
12	N-HEXANE	176.037

AVERAGE CALIBRATION FACTOR = 175.772

CALIBRATION FOR G.C. 660 - 10/17/73 - WEDNESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	207.041
2	ETHYLENE	190.145
3	ACETYLENE	199.354
4	PROPANE	195.888
5	PROPYLENE	186.458
6	ISOBUTANE	192.166
7	N-BUTANE	200.979
8	1-BUTENE	139.145
9	ISOBUTYLENE	147.791
10	ISOPENTANE	175.693
11	N-PENTANE	174.273
12	N-HEXANE	166.946

AVERAGE CALIBRATION FACTOR = 181.323

CALIBRATION FOR G.C. 202 - 10/17/73 - WEDNESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	159.062
2	ETHYLENE	208.5
3	ACETYLENE	195.562
4	PROPANE	206.75
5	PROPYLENE	185.347
6	ISOBUTANE	199.864
7	N-BUTANE	214.281
8	1-BUTENE	158.437
9	ISOBUTYLENE	221.416
10	ISOPENTANE	211.399
11	N-PENTANE	223.734
12	N-HEXANE	188.218

AVERAGE CALIBRATION FACTOR = 197.714

CALIBRATION FOR G.C. 660 - 10/18/73 - THURSDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	204.52
2	ETHYLENE	197.333
3	ACETYLENE	201.375
4	PROPANE	198.597
5	PROPYLENE	189.055
6	ISOBUTANE	194.26
7	N-BUTANE	203.364
8	1-BUTENE	142.125
9	ISOBUTYLENE	151.343
10	ISOPENTANE	179.425
11	N-PENTANE	176.821
12	N-HEXANE	157.991

AVERAGE CALIBRATION FACTOR = 183.017

CALIBRATION FOR G.C. 202 - 10/18/73 - THURSDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	171.354
2	ETHYLENE	224.729
3	ACETYLENE	200.958
4	PROPANE	208.361
5	PROPYLENE	221.083
6	ISOBUTANE	242.177
7	N-BUTANE	260.895
8	1-BUTENE	191
9	ISOBUTYLENE	266.291
10	ISOPENTANE	241.653
11	N-PENTANE	253.117
12	N-HEXANE	204.814

AVERAGE CALIBRATION FACTOR = 223.869

CALIBRATION FOR G.C. 660 - 10/19/73 - FRIDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	188.937
2	ETHYLENE	184.062
3	ACETYLENE	198.479
4	PROPANE	190.152
5	PROPYLENE	182.958
6	ISOBUTANE	186.833
7	N-BUTANE	196.968
8	1-BUTENE	141.677
9	ISOBUTYLENE	151.156
10	ISOPENTANE	176.982
11	N-PENTANE	176.108
12	N-HEXANE	153.284

AVERAGE CALIBRATION FACTOR = 177.3

CALIBRATION FOR G.C. 202 - 10/19/73 - FRIDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	188.791
2	ETHYLENE	203.062
3	ACETYLENE	198.145
4	PROPANE	208.083
5	PROPYLENE	231.541
6	ISOBUTANE	244.343
7	N-BUTANE	263.864
8	1-BUTENE	196.187
9	ISOBUTYLENE	269.489
10	ISOPENTANE	240.096
11	N-PENTANE	252.647
12	N-HEXANE	216.588

AVERAGE CALIBRATION FACTOR = 226.07

CALIBRATION FOR G.C. 660 - 10/23/73 - TUESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	169.166
2	ETHYLENE	184.166
3	ACETYLENE	173.291
4	PROPANE	173.666
5	PROPYLENE	173.527
6	ISOBUTANE	178.354
7	N-BUTANE	179.541
8	1-BUTENE	136.239
9	ISOBUTYLENE	140.218
10	ISOPENTANE	166.447
11	N-PENTANE	163.43
12	N-HEXANE	153.082

AVERAGE CALIBRATION FACTOR = 165.927

CALIBRATION FOR G.C. 202 - 10/23/73 - TUESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	132.166
2	ETHYLENE	146.75
3	ACETYLENE	146.375
4	PROPANE	164.18
5	PROPYLENE	156.861
6	ISOBUTANE	187.843
7	N-BUTANE	198.26
8	1-BUTENE	153.229
9	ISOBUTYLENE	204.52
10	ISOPENTANE	196.381
11	N-PENTANE	203.552
12	N-HEXANE	181.423

AVERAGE CALIBRATION FACTOR = 172.628

CALIBRATION FOR G.C. 660 - 10/24/73 - WEDNESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	181.645
2	ETHYLENE	184.375
3	ACETYLENE	195.062
4	PROPANE	183.375
5	PROPYLENE	179.472
6	ISOBUTANE	182.562
7	N-BUTANE	187.322
8	1-BUTENE	139.865
9	ISOBUTYLENE	153.187
10	ISOPENTANE	177.017
11	N-PENTANE	177.66
12	N-HEXANE	161.856

AVERAGE CALIBRATION FACTOR = 175.285

CALIBRATION FOR G.C. 202 - 10/24/73 - WEDNESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	102.416
2	ETHYLENE	116.583
3	ACETYLENE	104.708
4	PROPANE	139.777
5	PROPYLENE	134.93
6	ISOBUTANE	166.322
7	N-BUTANE	178.291
8	1-BUTENE	138.52
9	ISOBUTYLENE	184.01
10	ISOPENTANE	179.723
11	N-PENTANE	185.365
12	N-HEXANE	161.757

AVERAGE CALIBRATION FACTOR = 149.367

CALIBRATION FOR G.C. 660 - 10/25/73 - THURSDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	174.604
2	ETHYLENE	171.645
3	ACETYLENE	192.812
4	PROPANE	177.444
5	PROPYLENE	152.222
6	ISOBUTANE	180.895
7	N-BUTANE	185.375
8	1-BUTENE	138.375
9	ISOBUTYLENE	151.333
10	ISOPENTANE	172.842
11	N-PENTANE	167.769
12	N-HEXANE	168.102

AVERAGE CALIBRATION FACTOR = 169.451

CALIBRATION FOR G.C. 202 - 10/25/73 - THURSDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	161.812
2	ETHYLENE	207.833
3	ACETYLENE	151.958
4	PROPANE	163.291
5	PROPYLENE	156.861
6	ISOBUTANE	183.427
7	N-BUTANE	193.718
8	1-BUTENE	141.812
9	ISOBUTYLENE	198.312
10	ISOPENTANE	192.574
11	N-PENTANE	194.217
12	N-HEXANE	188.016

AVERAGE CALIBRATION FACTOR = 177.819

CALIBRATION FOR G.C. 660 - 10/26/73 - FRIDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	203.979
2	ETHYLENE	194.166
3	ACETYLENE	223.333
4	PROPANE	215.402
5	PROPYLENE	204.194
6	ISOBUTANE	210.864
7	N-BUTANE	219.5
8	1-BUTENE	[illegible]6.5
9	ISOBUTYLENE	159.708
10	ISOPENTANE	189.188
11	N-PENTANE	183.304
12	N-HEXANE	181.687

AVERAGE CALIBRATION FACTOR = 194.319

CALIBRATION FOR G.C. 202 - 10/26/73 - FRIDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	177.812
2	ETHYLENE	223.52
3	ACETYLENE	195.437
4	PROPANE	211.819
5	PROPYLENE	190.416
6	ISOBUTANE	202.635
7	N-BUTANE	215.906
8	1-BUTENE	153.291
9	ISOBUTYLENE	213.885
10	ISOPENTANE	204.109
11	N-PENTANE	203.369
12	N-HEXANE	190.6

AVERAGE CALIBRATION FACTOR = 198.567

CALIBRATION FOR G.C. 660 - 10/27/73 - SATURDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	201.458
2	ETHYLENE	195.208
3	ACETYLENE	228.187
4	PROPANE	219.166
5	PROPYLENE	200.319
6	ISOBUTANE	215.315
7	N-BUTANE	228.728
8	1-BUTENE	158.456
9	ISOBUTYLENE	171.282
10	ISOPENTANE	196.557
11	N-PENTANE	191.004
12	N-HEXANE	180.074

AVERAGE CALIBRATION FACTOR = 198.813

CALIBRATION FOR G.C. 202 - 10/27/73 - SATURDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	182.687
2	ETHYLENE	218.854
3	ACETYLENE	153.291
4	PROPANE	207.236
5	PROPYLENE	191.513
6	ISOBUTANE	203.322
7	N-BUTANE	217.833
8	1-BUTENE	150.979
9	ISOBUTYLENE	209.76
10	ISOPENTANE	205.28
11	N-PENTANE	204.708
12	N-HEXANE	188.819

AVERAGE CALIBRATION FACTOR = 194.523

CALIBRATION FOR G.C. 660 - 10/29/73 - MONDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	197.854
2	ETHYLENE	191
3	ACETYLENE	223.75
4	PROPANE	205.861
5	PROPYLENE	191.625
6	ISOBUTANE	195.708
7	N-BUTANE	202.281
8	1-BUTENE	141.27
9	ISOBUTYLENE	156.322
10	ISOPENTANE	182.425
11	N-PENTANE	174.473
12	N-HEXANE	178.423

AVERAGE CALIBRATION FACTOR = 186.749

CALIBRATION FOR G.C. 202 - 10/29/73 - MONDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	333.041
2	ETHYLENE	368
3	ACETYLENE	362.02
4	PROPANE	362.583
5	PROPYLENE	355.958
6	ISOBUTANE	363.541
7	N-BUTANE	384.125
8	1-BUTENE	273.593
9	ISOBUTYLENE	378.781
10	ISOPENTANE	353.074
11	N-PENTANE	356.9
12	N-HEXANE	329.423

AVERAGE CALIBRATION FACTOR = 351.753

[illegible]

CALIBRATION FOR G.C. 660 - 10/30/73 - TUESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	180.916
2	ETHYLENE	183.229
3	ACETYLENE	214.625
4	PROPANE	185.305
5	PROPYLENE	178.5
6	ISOBUTANE	186.51
7	N-BUTANE	190.208
8	1-BUTENE	139.26
9	ISOBUTYLENE	156.791
10	ISOPENTANE	176.644
11	N-PENTANE	167.465
12	N-HEXANE	170.419

AVERAGE CALIBRATION FACTOR = 177.489

[illegible]

CALIBRATION FOR G.C. 660 - 10/30/73 - TUESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	214.416
2	ETHYLENE	227.958
3	ACETYLENE	232.208
4	PROPANE	227.444
5	PROPYLENE	221.111
6	ISOBUTANE	223.989
7	N-BUTANE	226.083
8	1-BUTENE	166.281
9	ISOBUTYLENE	177.802
10	ISOPENTANE	208.022
11	N-PENTANE	202.208
12	N-HEXANE	172.131

AVERAGE CALIBRATION FACTOR = 208.304

CALIBRATION FOR G.C. 202 - 10/30/73 - TUESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	312.458
2	ETHYLENE	375.291
3	ACETYLENE	355.667
4	PROPANE	363.68
5	PROPYLENE	337.222
6	ISOBUTANE	358.593
7	N-BUTANE	380.51
8	1-BUTENE	286.51
9	ISOBUTYLENE	395.114
10	ISOPENTANE	363.276
11	N-PENTANE	367.013
12	N-HEXANE	330.526

AVERAGE CALIBRATION FACTOR = 352.157

CALIBRATION FOR G.C. 666 - 10/31/73 - WEDNESDAY

COMPOUND	COUNTS/PPBC
1 ETHANE	199.395
2 ETHYLENE	207.125
3 ACETYLENE	233.062
4 PROPANE	209.25
5 PROPYLENE	203.083
6 ISOBUTANE	211.51
7 N-BUTANE	216.468
8 1-BUTENE	157.77
9 ISOBUTYLENE	179.333
10 ISOPENTANE	201.266
11 N-PENTANE	196.369
12 N-HEXANE	193.255

AVERAGE CALIBRATION FACTOR = 199.819

CALIBRATION FOR G.C. 202 - 10/31/73 - WEDNESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	314.979
2	ETHYLENE	370.25
3	ACETYLENE	347.166
4	PROPANE	356.936
5	PROPYLENE	340.069
6	ISOBUTANE	359.193
7	N-BUTANE	382.312
8	1-BUTENE	282.27
9	ISOBUTYLENE	385.606
10	ISOPENTANE	359.333
11	N-PENTANE	366.581
12	N-HEXANE	328.271

AVERAGE CALIBRATION FACTOR = 349.418

CALIBRATION FOR G.C. 660 - 11/01/73 - THURSDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	212.208
2	ETHYLENE	202.77
3	ACETYLENE	232.479
4	PROPANE	211.338
5	PROPYLENE	197.916
6	ISOBUTANE	203.875
7	N-BUTANE	219.395
8	1-BUTENE	146.093
9	ISOBUTYLENE	168.166
10	ISOPENTANE	195.076
11	N-PENTANE	186.205
12	N-HEXANE	163.259

AVERAGE CALIBRATION FACTOR = 194.946

CALIBRATION FOR G.C. 202 - 11/01/73 - THURSDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	311.125
2	ETHYLENE	389.27
3	ACETYLENE	326.708
4	PROPANE	336.486
5	PROPYLENE	346.041
6	ISOBUTANE	353.437
7	N-BUTANE	374.073
8	1-BUTENE	260.739
9	ISOBUTYLENE	360.25
10	ISOPENTANE	335.787
11	N-PENTANE	340.604
12	N-HEXANE	316.279

AVERAGE CALIBRATION FACTOR = 337.565

CALIBRATION FOR G.C. 660 - 11/02/73 - FRIDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	177.354
2	ETHYLENE	167.229
3	ACETYLENE	212.916
4	PROPANE	185.041
5	PROPYLENE	184.194
6	ISOBUTANE	190.395
7	N-BUTANE	196.531
8	1-BUTENE	144.364
9	ISOBUTYLENE	165.708
10	ISOPENTANE	182.[illegible]00
11	N-PENTANE	179.26
12	N-HEXANE	160.81

AVERAGE CALIBRATION FACTOR = 180.542

CALIBRATION FOR G.C. 202 - 11/02/73 - FRIDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	259.083
2	ETHYLENE	318.5
3	ACETYLENE	296.52
4	PROPANE	301
5	PROPYLENE	301.375
6	ISOBUTANE	327.375
7	N-BUTANE	342.541
8	1-BUTENE	259.927
9	ISOBUTYLENE	350.718
10	ISOPENTANE	333.394
11	N-PENTANE	336.543
12	N-HEXANE	311.506

AVERAGE CALIBRATION FACTOR = 311.54

CALIBRATION FOR G.C. 660 - 11/05/73 - MONDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	188.5
2	ETHYLENE	192.562
3	ACETYLENE	221.354
4	PROPANE	195.416
5	PROPYLENE	190.972
6	ISOBUTANE	196.447
7	N-BUTANE	199.364
8	1-BUTENE	145.27
9	ISOBUTYLENE	166.552
10	ISOPENTANE	186.276
11.	N-PENTANE	188.717
12	N-HEXANE	165.399

AVERAGE CALIBRATION FACTOR = 186.402

CALIBRATION FOR G.C. 2[illegible] - 11/05/73 - MONDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	236.854
2	ETHYLENE	304.145
3	ACETYLENE	301.512
4	PROPANE	310.736
5	PROPYLENE	303.777
6	ISOBUTANE	340.083
7	N-BUTANE	360.062
8	1-BUTENE	269.02
9	ISOBUTYLENE	358
10	ISOPENTANE	346.794
11	N-PENTANE	355.191
12	N-HEXANE	328.679

AVERAGE CALIBRATION FACTOR = 317.346

CALIBRATION FOR G.C. 660 - 11/07/73 - WEDNESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	189.729
2	ETHYLENE	197.041
3	ACETYLENE	227.416
4	PROPANE	194.541
5	PROPYLENE	188.486
6	ISOBUTANE	195.322
7	N-BUTANE	200.197
8	1-BUTENE	144.52
9	ISOBUTYLENE	169.166
10	ISOPENTANE	183.293
11	N-PENTANE	179.756
12	N-HEXANE	147.127

AVERAGE CALIBRATION FACTOR = 184.716

CALIBRATION FOR G.C. 202 - 11/07/73 - WEDNESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	320.666
2	ETHYLENE	336.437
3	ACETYLENE	359.312
4	PROPANE	351.805
5	PROPYLENE	363.277
6	ISOBUTANE	377.718
7	N-BUTANE	395.989
8	1-BUTENE	289.864
9	ISOBUTYLENE	377.52
10	ISOPENTANE	357.802
11	N-PENTANE	361.595
12	N-HEXANE	344.695

AVERAGE CALIBRATION FACTOR = 353.057

CALIBRATION FOR G.C. 660 - 11/08/73 - THURSDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	174.541
2	ETHYLENE	192.333
3	ACETYLENE	232.833
4	PROPANE	190.638
5	PROPYLENE	187.611
6	ISOBUTANE	204.26
7	N-BUTANE	223.781
8	1-BUTENE	170.093
9	ISOBUTYLENE	189.177
10	ISOPENTANE	173.456
11	N-PENTANE	173.143
12	N-HEXANE	156.399

AVERAGE CALIBRATION FACTOR = 189.022

CALIBRATION FOR G.C. 202 - 11/08/73 - THURSDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	306
2	ETHYLENE	316.645
3	ACETYLENE	335.645
4	PROPANE	348.889
5	PROPYLENE	371.694
6	ISOBUTANE	420.354
7	N-BUTANE	470.802
8	1-BUTENE	363.843
9	ISOBUTYLENE	491.625
10	ISOPENTANE	369.925
11	N-PENTANE	382.756
12	N-HEXANE	344.707

AVERAGE CALIBRATION FACTOR = 376.907

CALIBRATION FOR G.C. 660 - 11/09/73 - FRIDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	193.375
2	ETHYLENE	185.208
3	ACETYLENE	242.041
4	PROPANE	195.291
5	PROPYLENE	192.388
6	ISOBUTANE	209.947
7	N-BUTANE	229.572
8	1-BUTENE	174.843
9	ISOBUTYLENE	192.01
10	ISOPENTANE	176.693
11	N-PENTANE	176.682
12	N-HEXANE	164.633

AVERAGE CALIBRATION FACTOR = 194.39

CALIBRATION FOR G.C. 202 - 11/09/73 - FRIDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	313.375
2	ETHYLENE	346.687
3	ACETYLENE	373.041
4	PROPANE	368.444
5	PROPYLENE	373.291
6	ISOBUTANE	416.708
7	N-BUTANE	466.385
8	1-BUTENE	365.5
9	ISOBUTYLENE	494.791
10	ISOPENTANE	373.592
11	N-PENTANE	388.965
12	N-HEXANE	361.3

AVERAGE CALIBRATION FACTOR = 386.84

CALIBRATION FOR G.C. 660 - 11/12/73 - MONDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	171.604
2	ETHYLENE	189.52
3	ACETYLENE	222.583
4	PROPANE	185.555
5	PROPYLENE	185.361
6	ISOBUTANE	191.791
7	N-BUTANE	196.281
8	1-BUTENE	151.312
9	ISOBUTYLENE	168.718
10	ISOPENTANE	178.701
11	N-PENTANE	178.743
12	N-HEXANE	156.065

AVERAGE CALIBRATION FACTOR = 181.353

[illegible]

CALIBRATION FOR G.C. 202 - 11/12/73 - MONDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	285.75
2	ETHYLENE	329.687
3	ACETYLENE	305.458
4	PROPANE	323.361
5	PROPYLENE	357.611
6	ISOBUTANE	381.208
7	N-BUTANE	393.385
8	1-BUTENE	307.864
9	ISOBUTYLENE	406.51
10	ISOPENTANE	366.46
11	N-PENTANE	382.539
12	N-HEXANE	362.172

AVERAGE CALIBRATION FACTOR = 350.167

CALIBRATION FOR G.C. 66C - 11/13/73 - TUESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	173.958
2	ETHYLENE	186.166
3	ACETYLENE	222.583
4	PROPANE	184.486
5	PROPYLENE	182.694
6	ISOBUTANE	189.229
7	N-BUTANE	194
8	1-BUTENE	144.968
9	ISOBUTYLENE	158.895
10	ISOPENTANE	171.714
11	N-PENTANE	172.2
12	N-HEXANE	149.3

AVERAGE CALIBRATION FACTOR = 177.516

CALIBRATION FOR G.C. 202 - 11/13/73 - TUESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	309.02
2	ETHYLENE	380.875
3	ACETYLENE	331
4	PROPANE	336.014
5	PROPYLENE	350.861
6	ISOBUTANE	361.375
7	N-BUTANE	384.073
8	1-BUTENE	297.562
9	ISOBUTYLENE	392.77
10	ISOPENTANE	352.986
11	N-PENTANE	371.743
12	N-HEXANE	357.065

AVERAGE CALIBRATION FACTOR = 352.112

CALIBRATION FOR G.C. 66C - 11/14/73 - WEDNESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	190.166
2	ETHYLENE	196.437
3	ACETYLENE	239.666
4	PROPANE	199.958
5	PROPYLENE	196.319
6	ISOBUTANE	200.031
7	N-BUTANE	207.812
8	1-BUTENE	151.718
9	ISOBUTYLENE	169.437
10	ISOPENTANE	178.039
11	N-PENTANE	179.634
12	N-HEXANE	169.337

AVERAGE CALIBRATION FACTOR = 189.88

CALIBRATION FOR G.C. 202 - 11/14/73 - WEDNESDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	338.458
2	ETHYLENE	370.437
3	ACETYLENE	351.729
4	PROPANE	356.805
5	PROPYLENE	353.888
6	ISOBUTANE	363.77
7	N-BUTANE	388.177
8	1-BUTENE	282.562
9	ISOBUTYLENE	368.239
10	ISOPENTANE	349.153
11	N-PENTANE	352.617
12	N-HEXANE	367.493

AVERAGE CALIBRATION FACTOR = 353.611

CALIBRATION FOR G.C. 660 - 11/15/73 - THURSDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	192.187
2	ETHYLENE	197.583
3	ACETYLENE	241.625
4	PROPANE	201.597
5	PROPYLENE	197.666
6	ISOBUTANE	196.947
7	N-BUTANE	207.677
8	1-BUTENE	142.343
9	ISOBUTYLENE	162.552
10	ISOPENTANE	173.807
11	N-PENTANE	173.456
12	N-HEXANE	155

AVERAGE CALIBRATION FACTOR = 186.87

CALIBRATION FOR G.C. 202 - 11/15/73 - THURSDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	239.604
2	ETHYLENE	234.145
3	ACETYLENE	294.687
4	PROPANE	311.875
5	PROPYLENE	302.972
6	ISOBUTANE	360.948
7	N-BUTANE	386.333
8	1-BUTENE	283.958
9	ISOBUTYLENE	365.302
10	ISOPENTANE	351.517
11	N-PENTANE	356.965
12	N-HEXANE	365.712

AVERAGE CALIBRATION FACTOR = 321.168

CALIBRATION FOR G.C. 660 - 11/16/73 - FRIDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	179.208
2	ETHYLENE	179.5
3	ACETYLENE	233.875
4	PROPANE	187.986
5	PROPYLENE	189.402
6	ISOBUTANE	193.937
7	N-BUTANE	207.468
8	1-BUTENE	151.77
9	ISOBUTYLENE	161.812
10	ISOPENTANE	169.934
11	N-PENTANE	170.252
12	N-HEXANE	180.238

AVERAGE CALIBRATION FACTOR = 183.782

CALIBRATION FOR G.C. 202 - 11/16/73 - FRIDAY

	COMPOUND	COUNTS/PPBC
1	ETHANE	311.937
2	ETHYLENE	323.187
3	ACETYLENE	341.604
4	PROPANE	345.18
5	PROPYLENE	324.486
6	ISOBUTANE	347.156
7	N-BUTANE	370.802
8	1-BUTENE	283.26
9	ISOBUTYLENE	350.302
10	ISOPENTANE	329.579
11	N-PENTANE	336.295
12	N-HEXANE	326.246

AVERAGE CALIBRATION FACTOR = 332.503